CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Highways, Alabama, bond election $25,000,000.

Terminal and office, Phila., Pa., City and Baltimore & Ohio R.R. Co., plans $8,000,000—$10,000,000.

Bridges, Chicago, Ill., City, bonds voted $8,725,000.

Paving, Chicago, Ill., City, bonds voted $8,700,000.

Club, New York, N. Y., New York Athletic Club, plans prepared, $4,000,000.

Schools, Birmingham, Ala., City, bonds voted, $3,500,000.

Excavation, Chicago, Ill., City, bonds voted, $2,500,000.

Street lighting, Chicago, Ill., City, bonds voted, $1,700,000.

Waterworks, Aberdeen, Wash., City, bond election, $1,600,000.

Hotel, club and theatre, San Antonio, Tex., San Antonio Athletic Club (Turn Verein), plans prepared, $1,500,000.

Hospital, Belmont, Mass., State, plans $1,500,000.

Apartment, Oakland, Calif., J. Enos, plans prepared, $1,500,000.

Road improvement, Huntsville, Mo., Randolph Co., plans bond election, $1,375,000.

Bids Desired

Building, Hartsdale, N. Y., About May 1, by Ferncliff Cemetery Assn., $3,000,000.

Office, St. Louis, Mo., E. M. Turner, archt., and Mauran, Russell & Crowell consult. archts., taking bids, $2,000,000.

Warehouse, Brooklyn, N. Y., May 15, by Starrett & Van Vleck, archts., for Abraham & Straus, $1,000,000.

Office, San Diego, Calif., Mundy & Black, et al., care of L. A. Smith, archt., takes bids, $1,000,000.

Bids Received

Two bridges, Illinois and Missouri, Alton, St. Louis Bridge Co., received bids totaling, $2,400,000.

Bridge approaches, New York, N. Y., J. Miller, pres. Manhattan Boro, from P. T. Cox Contg. Co., $1,797,552.

Contracts Awarded

Apartment, Chicago, Ill., Holabird & Roche, archts., to Lundorff-Bicknell Co., $4,000,000.

Sewage disposal, Phila., Pa., Dept. Pub. Wks., to Mason & Hanger Co., and others, totaling, $3,301,311.

Bank and office, New York, N. Y., Bank of New York & Trust Co., to Marc Eidlitz, $2,500,000.

Cold storage plant, Halifax, N. S., Dept. Agriculture, Ottawa, Ont., to Nova Scotia Pub. Fish and Cold Storage Terminal Ltd., $2,250,000.

Sewers, South Bend, Ind., City, to Dunnegan Constr. Co., $1,425,466.

Chapel and convent, Brentwood, N. Y., Sisters of St. Joseph, to H. A. Harris, $1,250,000.

Hospital, East Chicago, Ind., St. Catherine Hospital, to H. B. Olney, $1,250,000.

Classified Index of Bids Wanted

Waterworks

Bids close		*See Eng. News-Record*
Apr. 22	Cleveland, O.	Apr. 21
Apr. 22	Long Island City, N. Y.	Apr. 21
Apr. 22	Somerset, Mass.	Apr. 21
Apr. 25	Lesueur Center, Minn.	Apr. 14
Apr. 25	Providence, R. I.	Apr. 21
Apr. 26	Chester, Pa.	Apr. 7
Apr. 26	Boston, Mass.	Apr. 21
Apr. 26	Newton, N. C.	Apr. 21
Apr. 27	Baltimore, Md.	Apr. 21
Apr. 27	Redmon, Wash.	Apr. 21
Apr. 27	Boston, Mass.	Apr. 21
Apr. 28	Sacramento, Calif.	Apr. 21
Apr. 29	Wauwatosa, Wis.	Apr. 21
Apr. 29	Dayton, O.	Apr. 21
Apr. 29	Boston, Mass.	Apr. 21
Apr. 29	Boston, Mass.	Apr. 14
May 3	St Louis, Mo.	Apr. 7
May 3	Toronto, Ont.	Apr. 14
May 10	Hamburg, N. Y. Adv. Apr. 21.	Apr. 21
May 11	Detroit, Mich. Adv. Apr. 14 and 21.	Apr. 21
May 12	Hamilton, N. Y.	Apr. 14
May 24	Saginaw, Mich.	Apr. 14
June 1	Youngstown, O.	Mar. 17

Sewers

Apr. 22	New York, N. Y.	Apr. 14
Apr. 22	Parma (br. Cleveland), O.	Apr. 21
Apr. 22	Boston, Mass.	Apr. 21
Apr. 23	Longport, N. J.	Apr. 7
Apr. 25	Council Bluffs, Ia.	Apr. 21
Apr. 25	Plymouth, Mich.	Apr. 21
Apr. 25	Birmingham, Mich.	Apr. 21
Apr. 25	Boston, Mass.	Apr. 21
Apr. 25	Gloucester, Mass.	Apr. 21
Apr. 26	Wash., D. C.	Mar. 31
Apr. 26	Delaware-Maryland	Apr. 7
Apr. 26	Wash., D. C.	Apr. 7
Apr. 27	St. George, N. Y.	Apr. 21
Apr. 27	Phila., Pa.	Apr. 21
Apr. 28	Dryden, Ont.	Apr. 21
Apr. 29	Louisville, Ky.	Mar. 31
Apr. 29	Altoona, Pa.	Apr. 14
May 2	Birmingham, Ala.	Mar. 31
May 2	Springfield, Ill.	Mar. 31
May 3	Kalama, Wash.	Apr. 21
May 4	Concordia, Kan.	Apr. 21
May 5	Decatur, Ill.	Apr. 21
May 5	Greenwich, Conn. Adv. Apr. 21.	Apr. 21
May 6	Bridgeport, Conn. Adv. Apr. 21.	Apr. 21
May 17	Fort Lauderdale, Fla. Adv. Apr. 21.	Apr. 21

Bridges

Apr. 22	Phila., Pa.	Apr. 14
Apr. 23	Dayton, O.	Mar. 31
Apr. 25	Pueblo, Colo.	Mar. 24
Apr. 25	Grenada, Miss.	Apr. 14
Apr. 25	Winfield, Kan.	Apr. 21
Apr. 26	Salisbury, Md. Adv. Apr. 14 and 21.	Apr. 14
Apr. 26	Hartford, Conn.	Apr. 14
Apr. 26	Minnesota	Apr. 21
Apr. 26	Burlington, Ia.	Apr. 21
Apr. 27	New Rochelle, N. Y. Adv. Apr. 14 and 21.	Apr. 14
Apr. 27	Providence, R. I. Adv. Apr. 14 and 21.	Apr. 14
Apr. 28	Kentucky	Apr. 7
Apr. 29	Florida	Apr. 14
Apr. 29	Missouri	Apr. 21
Apr. 29	Minot, N. D.	Apr. 21
May 2	Pittsburgh, Pa.	Apr. 21
May 3	Steubenville, O.	Apr. 21
May 3	Portsmouth, O.	Apr. 21
May 4	Jean, Nev.	Apr. 21
May 6	Dayton, O.	Apr. 21
May 16	Lansing, Mich. Adv. Apr. 21.	Apr. 21
May 17	Auburn, N. Y. Adv. Apr. 21.	Apr. 21
May 31	Toronto, Ont.	Apr. 14

Dam

May 9	Greenfield, Mass.	Apr. 14

Railways

Apr. 29	New York Adv. Apr. 14 and 21.	Apr. 14

Excavation, Drainage, Irrigation. Levees, River and Harbor

Apr. 22	New York, N. Y.	Apr. 14
Apr. 22	Charlottetown, P. E. I.	Apr. 21
Apr. 26	Benson, Minn.	Apr. 7
Apr. 26	Minneapolis, Minn.	Apr. 21
Apr. 26	Fairfield, Ia.	Apr. 21
Apr. 26	Rockaway Park (mail Arverne), N. Y.	Apr. 21
Apr. 26	St. Paul, Minn.	Apr. 21
Apr. 26	Burlington, Ia.	Apr. 21
Apr. 30	Winchester, Ont.	Apr. 21
May 2	Waterford, Calif.	Apr. 21
May 11	Tracy, Calif.	Apr. 21

Streets and Roads

Apr. 22	Cincinnati, O.	Apr. 14
Apr. 22	New York, N. Y.	Apr. 14
Apr. 22	Jackson, O.	Apr. 14
Apr. 22	South Euclid (br. Cleveland), O.	Apr. 21
Apr. 22	Newark, N. J.	Apr. 21
Apr. 25	Birmingham, Ala.	Mar. 31
Apr. 25	London, Ont.	Apr. 14
Apr. 25	New Jersey	Apr. 7
Apr. 25	Council Bluffs, Ia.	Apr. 14
Apr. 25	Huntington, W. Va.	Apr. 21
Apr. 25	Cincinnati, O.	Apr. 21
Apr. 25	Oil City, Pa.	Apr. 21
Apr. 25	Jeffersonville, Ind.	Apr. 21
Apr. 25	South Bend, Ind.	Apr. 21
Apr. 25	Akron, O.	Apr. 21
Apr. 25	Council Bluffs, Ia.	Apr. 21
Apr. 26	Sharon Springs, Kan.	Apr. 7
Apr. 26	Washington	Apr. 14
Apr. 26	Oxford, Miss.	Apr. 14
Apr. 26	Michigan	Apr. 14
Apr. 26	Tell City, Ind.	Apr. 14
Apr. 26	Ottumwa, Ia.	Apr. 21
Apr. 26	Elkhart, Ind.	Apr. 21
Apr. 26	Bexley (Columbus P. O.), O.	Apr. 21
Apr. 26	Geneva, N. Y. Adv. Apr. 21.	Apr. 21
Apr. 26	Richmond Hill (Ind. br. Jamaica, N. Y.	Apr. 21
Apr. 26	Mason, Mich.	Apr. 21
Apr. 26	Phila., Pa.	Apr. 21
Apr. 26	Toledo, Ia.	Apr. 21
Apr. 26	Massachusetts	Apr. 21
Apr. 27	Holly Springs, Miss.	Apr. 14
Apr. 27	Delaware	Apr. 7
Apr. 27	Columbus, O.	Apr. 21
Apr. 27	Nebraska	Apr. 21
Apr. 27	Baltimore, Md.	Apr. 21
Apr. 27	Bradford, Ont.	Apr. 21
Apr. 27	Terre Haute, Ind.	Apr. 21
Apr. 27	Rhode Island Adv. Apr. 21.	Apr. 21
Apr. 27	Akron, O.	Apr. 21
Apr. 27	Brooklyn, N. Y.	Apr. 21
Apr. 27	Rhode Island	Apr. 21
Apr. 27	Chicago, Ill.	Apr. 21
Apr. 27	Boone, Ia.	Apr. 21
Apr. 27	Cleveland, O.	Apr. 21
Apr. 27	Cincinnati, O.	Apr. 21
Apr. 28	Ripley, Miss.	Apr. 14
Apr. 28	Paducah, Ky.	Apr. 14
Apr. 28	Nebraska	Apr. 21
Apr. 28	Pierce, Neb.	Apr. 21
Apr. 28	Tarrant City, Ala.	Apr. 21
Apr. 28	Wausau, Wis.	Apr. 21
Apr. 28	Long Island City, N. Y.	Apr. 21
Apr. 28	Louisiana	Apr. 21
Apr. 28	Minnesota	Apr. 21
Apr. 29	New York Adv. Apr. 14 and 21.	Apr. 14
Apr. 29	Kentucky	Apr. 7
Apr. 29	Newton, Kan.	Apr. 7
Apr. 29	Cincinnati, O.	Apr. 21
Apr. 29	Nebraska	Apr. 21
Apr. 29	Imperial, Neb.	Apr. 21
Apr. 29	Colts Neck, N. J.	Apr. 21
Apr. 29	Erie, Kan.	Apr. 21
Apr. 29	Missouri	Apr. 21
Apr. 30	Lawrence, Kan.	Apr. 14
Apr. 30	West Long Branch, N. J.	Apr. 21

See proposal advertising on page 137

TRADE "LEADITE" MARK

Registered U. S. Pat. Office

Laying 20-in. c.i. bell and spigot water main across Schuylkill River with LEADITE joints.

Speed— Pipe Laying

Thousands of miles of cast iron water mains have been laid with LEADITE by large cities, towns, villages, railroads, mines, and industrial plants.

These pipe lines are laid under paved streets, under and over bridges, under railroad tracks, across streams, thru open country, in filter galleries—high and low pressures—under all conditions of water works construction.

This is the way some LEADITE users lay pipe:

1710 ft. 6 in. pipe laid in one day.
1665 ft. 6 in. pipe laid in 7½ hrs. with 6 men.
91 lengths 20 in. pipe laid in one day.
15 to 19 lengths 48 in. pipe laid in one day—laid one length in 7 minutes.
3860 ft. 6 in. and 8 in. pipe laid in 9 hrs. with 2 gangs.

You can do this.

The up-to-date water works man specifies and uses LEADITE.

LEADITE saves at least 75%

LEADITE is the pioneer self-caulking Material for c.i. pipe

Be Sure It Is LEADITE and Accept No Imitations

THE LEADITE COMPANY, Inc.
1512 Land Title Building, Philadelphia, Pa., U. S. A.

NO CAULKING

Bids close		See Eng. News-Record
May 1	Duluth, Minn.	Feb. 24
May 2	Birmingham, Ala.	Apr. 7
May 2	New Jersey Adv. Apr. 14 and 21.	Apr. 14
May 2	California	Apr. 21
May 2	Los Angeles, Calif.	Apr. 21
May 2	Martinez, Calif.	Apr. 21
May 2	Fairfield, Calif.	Apr. 21
May 2	Morgantown, W. Va.	Apr. 21
May 2	Indiana	Apr. 21
May 3	St. Louis, Mo.	Apr. 14
May 3	New York Adv. Apr. 14 and 21.	Apr. 14
May 3	Washington	Apr. 21
May 3	Virginia Adv. Apr. 21.	Apr. 21
May 3	Fredonia, Kan.	Apr. 21
May 3	Ventura, Calif.	Apr. 21
May 3	Shakopee, Minn.	Apr. 21
May 5	Cudahy, Wis.	Apr. 21
May 6	Olathe, Kan.	Apr. 21
May 9	New Jersey Adv. Apr. 21.	Apr. 21
May 10	Girard, Kan.	Apr. 14
May 12	Birmingham, Ala.	Apr. 14
May 12	Florida	Apr. 21
May 18	Delaware	Apr. 21
May 20	Birmingham, Ala.	Apr. 21
May 25	Duluth, Minn.	Mar. 31
May 28	Duluth, Minn.	Apr. 7

Buildings—Commercial

Apr. 23	Columbus, O.	Mar. 31
Apr. 25	Northville, Mich.	Apr. 21
Apr. 27	White Plains, N. Y. Adv. Apr. 14 and 21.	Apr. 14
Apr. 27	Phila., Pa.	Apr. 21
Apr. 27	Baltimore, Md.	Apr. 21
Apr. 28	Phila., Pa.	Apr. 14
Apr. 28	Norwalk, Conn.	Apr. 21
Apr. 28	Leominster, Mass.	Apr. 21
Apr. 29	Mt. Vernon, N. Y.	Apr. 14
Apr. 29	Wash., D. C.	Apr. 7
Apr. 30	Louisville, Ky.	Mar. 31
Apr. 30	Joliet, Ill.	Apr. 21
May 1	La Junta, Colo.	Feb. 3
May 2	Dallas, Tex.	Apr. 7
May 2	Hamden (br. New Haven), Conn.	Apr. 14
May 2	Kansas City, Mo.	Apr. 21
May 3	Chester, Ill.	Apr. 21
May 4	Helmuth, N. Y.	Apr. 14
May 4	Odgensburg, N. Y. Adv. Apr. 14 and 21.	Apr. 14
May 4	Rome, N. Y. Adv. Apr. 21.	Apr. 21
May 5	Bourne, Mass.	Apr. 21
May 5	Bentonville, Ark.	Apr. 21
May 15	Bellingham, Wash.	Mar. 24
May 15	Brooklyn, N. Y.	Apr. 21

Buildings—Industrial

Apr. 22	Victoria, B. C.	Apr. 14
Apr. 23	Lansdale, Pa.	Apr. 21
Apr. 23	Pawtucket, R. I.	Apr. 21
Apr. 25	Cambridge, Mass.	Apr. 21
Apr. 25	Grand Island, Neb.	Apr. 21
Apr. 27	Hibbing, Minn.	Apr. 21
May 1	Newark, N. Y.	Apr. 21

Buildings—Educational, Religious

Apr. 22	Miamisburg, O.	Mar. 31
Apr. 22	East Jackson, Mich.	Apr. 14
Apr. 22	Jamestown, N. Y.	Apr. 14
Apr. 25	Indianapolis, Ind.	Apr. 14
Apr. 25	Syracuse, N. Y.	Apr. 21
Apr. 25	Ridgewood, N. J.	Apr. 21
Apr. 25	New Britain, Conn.	Apr. 21
Apr. 25	Albany, N. Y.	Apr. 21

Bids close		See Eng. News-Record
Apr. 25	McGehee, Ark.	Apr. 21
Apr. 26	Rogers City, Mich.	Apr. 14
Apr. 26	Cranford, N. J.	Apr. 21
Apr. 26	Springfield (Jamaica P. O.), N. Y.	Apr. 21
Apr. 27	Brooklyn, N. Y.	Apr. 21
Apr. 28	Natchez, Miss.	Apr. 7
May 1	Monroe, Mich.	Jan. 13
May 1	North Providence, R. I.	Apr. 21
May 3	Oakland, Calif.	Apr. 14
May 4	Sonyea, N. Y. Adv. Apr. 14 and 21.	Apr. 14
May 12	Columbus, O.	Apr. 21
June 1	Springfield, O.	Apr. 14

Federal Government Work

Apr. 23	Locks—Pittsburgh, Pa. Adv. Mar. 31 to Apr. 21.	Mar. 31
Apr. 23	Pipe Fittings, etc.—Wash., D. C.	Apr. 14
Apr. 23	Steel—Milwaukee, Wis.	Apr. 14
Apr. 26	Post Office—Lancaster, S. C.	Mar. 24
Apr. 26	Receiving Building—Oteen, N. C.	Mar. 24
Apr. 26	Deep Wells — Bedford, Mass.	Apr. 7
Apr. 26	Cylinders—St. George, N. Y.	Apr. 14
Apr. 27	Boats—Pittsburgh, Pa. Adv. Mar. 31 to Apr. 21.	Mar. 31
Apr. 27	Quarters—Norfolk, Va.	Apr. 14
Apr. 27	Road—California	Apr. 21
Apr. 27	Compressor—Mare Island, Calif.	Apr. 21
Apr. 28	Acetylene Cylinders—St. George, N. Y.	Apr. 21
Apr. 29	Post Office—Chamberlain, S. D.	Mar. 24
Apr. 29	Post Office—Newburyport, Mass.	Apr. 7
Apr. 30	Barracks — Fort Bragg, N. C. Adv. Apr. 7 to 21.	Apr. 7
May 3	Barracks—La Carne, O. Adv. Apr. 7 to 21.	Apr. 7
May 3	Water Softening Plant—North Little Rock (Ind. br. Little Rock), Ark.	Apr. 7
May 3	Breakwater — Milwaukee, Wis. Adv. Apr. 7 to 21.	Apr. 7
May 3	Fire Alarm System—Dewight, Ill.	Apr. 14
May 4	Quarters—Whitefish Point, Mich.	Apr. 14
May 4	Steel Caisson—Florence, Ala. Adv. Apr. 21.	Apr. 21
May 5	Barracks — Camp Lewis, Wash. Adv. Apr. 14 and 21.	Apr. 14
May 9	Post Office, etc.—Coeur D'Alene, Idaho	Mar. 31
May 10	Post Office — Leominster, Mass.	Apr. 7
May 11	Addition—Carville, La.	Apr. 14
May 13	Ferry Racks—New York, N. Y. Adv. Apr. 21.	Apr. 21
May 14	Steel Rods—Milwaukee, Wis.	Apr. 14
May 14	Barges—Memphis, Tenn. Adv. Apr. 21.	Apr. 21
May 15	Cross Arms, etc. — Wyoming Adv. Apr. 21.	Apr. 21
May 16	Dredging—Delaware Adv. Apr. 21.	Apr. 21

Bids close		See Eng. News-Record
May 17	Nurses Home, etc.—Augusta, Ga. Adv. Apr. 21.	Apr. 14
May 17	Gates—New Mexico, Texas Adv. Apr. 21.	Apr. 21
May 18	Lock Gate—Pittsburgh, Pa. Adv. Apr. 21.	Apr. 21
May 20	Gates—Montana Adv. Apr. 21.	Apr. 21
May 25	Superstructure—Cleveland, O. Adv. Apr. 21.	Apr. 21
May 31	Quarters—Chicago, Ill. Adv. Apr. 21.	Apr. 21
June 1	Quarters—Canacao, P. I.	Mar. 3

Unclassified

Apr. 22	Subway Alterations—New York, N. Y.	Apr. 14
Apr. 22	Special Work — Brooklyn, N. Y.	Apr. 14
Apr. 22	Carfloats—Phila., Pa.	Apr. 14
Apr. 22	Fire Alarm System—Cleveland, O.	Apr. 21
Apr. 25	Scows—Syracuse, N. Y.	Apr. 14
Apr. 25	Stadium—Birmingham, Ala.	Apr. 21
Apr. 26	Scows—Syracuse, N. Y.	Apr. 14
Apr. 26	Refrigerating Plant, Stokers, etc.—East Moline, Ill.	Apr. 14
Apr. 26	Culverts—Sibley, Ia.	Apr. 21
Apr. 26	Culverts—Toledo, Ia.	Apr. 21
Apr. 26	Boilers, Pipes, etc.—Kankakee, Ill.	Apr. 21
Apr. 28	Culverts—Tipton, Ia.	Apr. 21
Apr. 28	Booths—New York, N. Y. Adv. Apr. 21.	Apr. 21
Apr. 29	Station Improvements—New York, N. Y.	Apr. 21
Apr. 30	Warehouse and Sheds — Mobile, Ala.	Apr. 14
May 2	Generating Set—Dannemora, N. Y. Adv. Apr. 14 and 21.	Apr. 14
May 3	Entrances—New York, N. Y. Adv. Apr. 21.	Apr. 21
May 4	Heating—Sonyea, N. Y. Adv. Apr. 14 and 21.	Apr. 14
May 6	Subway—New York. Adv. Apr. 7 to 21.	Mar. 31

Materials

Apr. 22	Transformers, Cables and Standards—Cleveland, O.	Apr. 21
Apr. 25	Gravel or Broken Stone and Sand—Minneapolis, Minn.	Apr. 21
Apr. 26	Brick—Hartford, Conn.	Apr. 21
Apr. 26	Gravel—Oxford, Miss.	Apr. 14
Apr. 26	Road Oil—Hartford, Conn. Adv. Apr. 21.	Apr. 21
Apr. 26	Switch Points, Frogs, etc. Phila., Pa.	Apr. 21
Apr. 26	Copper Sulphate—St. Paul, Minn.	Apr. 21
Apr. 26	Structural Steel—Sioux City, Ia.	Apr. 21
Apr. 27	Pipe—Ida Grove, Ia.	Apr. 21
Apr. 27	Coarse Aggregate—Brooklyn, N. Y.	Apr. 21
Apr. 28	Gravel—Ripley, Miss.	Apr. 14
May 2	Water Meters, etc. — Berea, O.	Apr. 14
May 2	Coal Handling Equipment—Richmond, Va. Adv. Apr. 21.	Apr. 21
May 2	Trap Rock—New Jersey. Adv. Apr. 14 and 21.	Apr. 14

News of the Week

Waterworks

Proposed Work

Mass., Arlington (br. Boston)—Plans extending mains in various streets. $60,000 appropriated. Private plans.

W. Va., Parkersburg — Plans election $400,000 bonds, improving waterworks, incl. wells, etc. J. V. Dunbar, city engr.

La., Bernice—Election May 3, $45,000 bonds, waterworks and distribution system. Swanson-McGraw, Inc., Balter Bldg., New Orleans, engrs.

La., Plain Dealing—Election about July 1, $90,000 bonds, complete waterworks, distribution and sanitary sewerage systems. Swanson-McGraw, Inc., Balter Bldg., New Orleans, engrs.

La., Thibodaux—Making plans complete waterworks and distribution system. $75,000. Swanson-McGraw, Inc., Balter Bldg., New Orleans, engrs.

Tenn., Waverly—Election May 11, $20,000 bonds, new waterworks. J. D. Luten, mayor. Engineer not selected. Noted Apr. 1, 1926.

Ill., Decatur—Plans various sized mains in various alleys, Olive, Walnut and West Forest Sts., etc. $15,000. M. P. O'Brien, City Hall, engr.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.), according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

Ill., Galesburg—Bd. Local Impvts. takes bids about May 10, waterworks extensions, incl. new pump house, etc. $125,000. Pearse, Greeley & Hansen, 6 North Michigan Ave., Chicago, engrs. Noted Mar. 3.

Ill., Tessville (mail Morton Grove)—See "Sewers."

Ia., Newton — Voted $155,000 bonds, waterworks improvements, incl. 8 in. mains, pumps and pump house. Lafayette Higgins, 211 Continental Bldg., Des Moines, engr.

Kan., Oneida—Defeated $45,000 bonds, waterworks improvements. E. T. Archer, 609 New England Bldg., Kansas City, Mo., engrs. Noted Mar. 31.

Mo., Neosho — Voted $25,000 bonds, waterworks improvements. Black & Veatch, 700 Mutual Bldg., Kansas City, engrs. Noted Mar. 17.

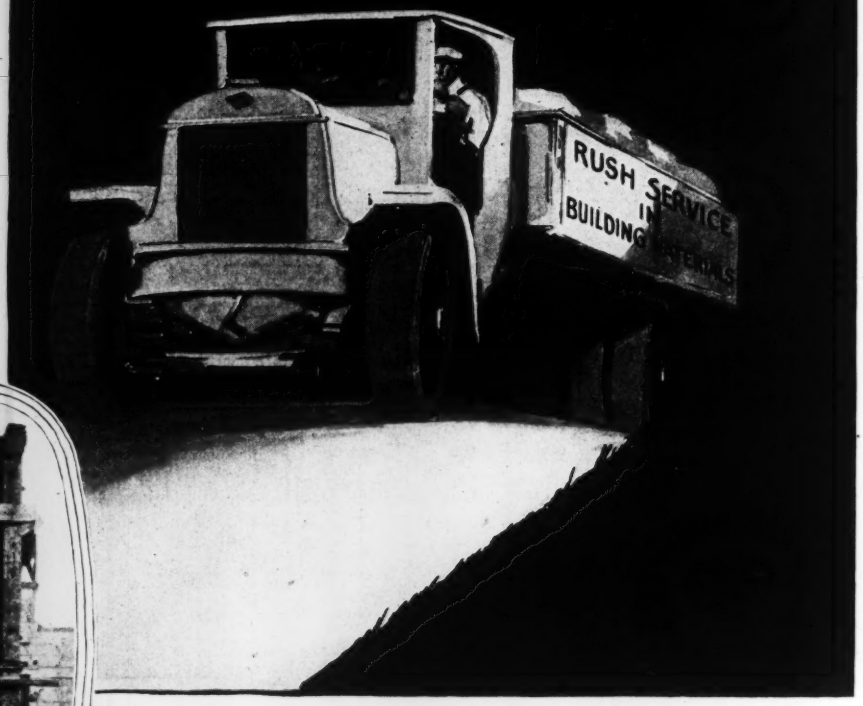
Mo., Versailles—Election in May, $20,000 bonds, extending water distribution system. Benham Eng. Co., 521 Gumbel Bldg., Kansas City, engrs. This corrects report in Mar. 24 issue.

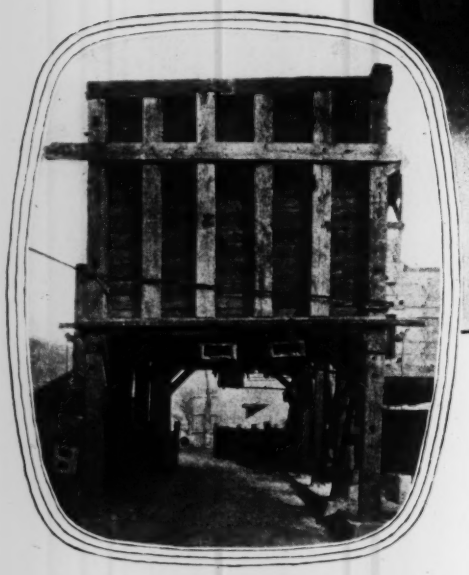
Okla., Konowa — Voted $23,000 bonds, new well and extending mains in various streets. J. C. Milliken, Continental Bldg., Oklahoma City, engr.

Okla., Poteau—Voted $38,500 bonds new force mains from pump station to reservoir. J. E. Davis, Poteau, engr. Noted Mar. 31.

Constr. News page 246

When time is money . . .
use High-Early-Strength concrete
made with standard (not special)
Universal Cement





Driveway under 150-ton sand and gravel bin, Monongahela Coal and Supply Co., Monongahela, Pa., opened to 5-ton trucks in 5 *days* — thru use of *High-Early-Strength* Universal Concrete made by using fully tested methods and standard (not special) Universal cement. For full details, use the coupon.

UNIVERSAL PORTLAND CEMENT CO.
210 South La Salle Street, Chicago

Without obligation, please send me detailed information on methods for securing strong concrete in 3 *days* with standard—not special—Universal cement, the same quality Universal regularly used.

Name .....

Address .....

ENR 4-21-27

Reconstruction Ties Up Material Bin

High-Early-Strength Universal Concrete Speeds Up Re-opening

A 150-ton sand and gravel bin was closed down awaiting completion of a new driveway! To speed up the job, the owner used *High-Early-Strength* Universal Concrete.

In 3 *days* this concrete was as strong as ordinary 28-day concrete; in 5 *days* it was opened to 5-ton truck traffic. For all time this concrete, having a greater ultimate strength, will be *better* and *stronger* than concrete as ordinarily placed.

High-Early-Strength Universal Concrete, which is also *permanently* stronger and better concrete, is made by using fully tested methods and standard Universal cement which, being standard —not special—sells at the usual price. The accompanying coupon will bring full details promptly.

Universal Portland Cement Co.

Chicago Pittsburgh Minneapolis Duluth Cleveland Columbus New York

Concrete for Permanence

Waterworks (Continued)

Okla., Tulsa—Voted $30,000 bonds, 6,200 ft. 16 in. c.i. mains in Peoria St. C. Schultz, City Hall, engr.

Wash., Aberdeen—Election Apr. 26, $1,600,000 bonds, constructing 60 m.g. industrial water tank on Lower Wynooche River at Wedekind Creek. Noted Mar. 24.

Wash., Anacortes—Plans issuing $50,000 bonds, improving and extending waterworks. Noted Mar. 10.

Calif., Livingston—Plans election $85,000 or more bonds, extending water and sewerage systems. J. Bates, Fresno, engr.

Calif., Redwood City—Ravenswood Water Dist. plans election $30,000 bonds, constructing water works. G. A. Kneese, Courthouse, engr.

Que., Hull—City Council soon takes bids improving waterworks. $65,000.

B. C., Rossland—Soon takes bids new 27 m.g. reservoir. $66,500. Engineer not selected.

B. C., Vancouver — Greater Vancouver Water Dist. plans 1,500 to 1,800 ft. water storage dam, 70 ft. high, concrete, 30,000-40,000 acre ft. storage capacity, at Capilano Forks; 400-500 ft. concrete dam, 25 ft. high, for water conservation on Greater Vancouver watershed at Seymour Falls; also 1,900 ft. tunnel for water mains under Harbor entrance, $1,000,000. W. H. Powell, c/o owner, engr.

Bids Desired

Mass., Boston—Apr. 29, by Metropolitan Dist. Water Supply Bd., R. H. Molt, secy., 24 School St., pumping station, furnishing and installing 250 hp. motor driven centrifugal pump and miscellaneous piping, in Southborough.

Mass., Boston — Apr. 26, by Dept. Pub. Wks., J. H. Sullivan, comr., laying and relaying water pipes in various sections in West Roxbury; and Apr. 27, in Dorchester. $15,000. J. H. Sullivan, comr.

Mass., Somerset—Apr. 22, by Town, c/o F. A. Barbour, archt., Tremont Bldg., Boston, 1 story, brick pumping station, here. $40,000.

R. I., Providence—Apr. 25, by Bd. Contr. & Supplies, City Hall, c.i. water pipe to Dept. Pub. Wks.

N. Y., Hamburg—May 10, by Bd. Trustees, Village Hall, E. Yochum, clk., filter plant and pumping station. Clyde Potts, 30 Church St., New York City, engr.; adv. E. N.-R. Apr. 21. Noted Mar. 18.

N. Y., Long Island City—Apr. 22, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in 32nd, 49th, Barnwell, Poyer, and 52nd Sts., Bleecker, 32nd, 35th, 37th Aves., etc.

N. Y., Syracuse—Bd. Contr. & Supply, City Hall, taking bids and opens same about May 3, 5.5 mi. 36 in. conduit from Skaneateles Lake. N. F. Pitts, Jr., city engr. Noted Nov. 18.

Md., Baltimore—Apr. 27, by Bd. Awards, excavating trenches and laying mains in Harford Rd. from Overland Ave. to Taylor St. G. F. Wieghardt, City Hall, water engr.

Va., Richmond—Dept. Pub. Utilities in market 2 low lift pumps, size 18 in., Type 115A, 75 and 40 hp., speed full load 580 and 435 r.p.m.; also 2 low lift pumps, size 24 in. Type 117A, 125 and 50 hp., speed full load 490 and 345 r.p.m. M. C. Smith, engr. Water & Electricity.

N. C., Newton—Apr. 26, by Town, constructing 500,000 gal. raw water reservoir, impounding reservoir, and equipping one 500,000 g.p.d. filter unit. Spoon, Lewis & Camp, Greensboro, consult. engrs.

O., Cleveland—Apr. 22, by City, mains in Brookpark Rd. S. W., Grayton Rd. S. W., Thornhope Rd. S. W., West 133rd St., Rockland Ave. S. W., Parkmount Ave. S. W., and Glendale Ave. S. E. R. Hoffman, City Hall, engr.

O., Dayton—Apr. 29, by Dept. Water, 20 East 2nd St., 4,500 lin.ft. 54 in. pre-cast rein.-con. trunk line main 2nd section Mad River main conduit. $80,000. W. W. Morehouse, 20 East 2nd St., dir.

Mich., Detroit—May 11, by Bd. Water Comrs., 176 East Jefferson Ave., constructing Sect. 4 Springwells Tunnel. G. H. Fenkell, genl. mgr. and ch. engr.; adv. E. N.-R. Apr. 21.

Wis., Wauwatosa—Apr. 29, by Bd. Pub. Wks., 1,000 g.p.m. deep well turbine centrifugal pump or combustion of above connected with all water to centrifugal booster pump. J. E. Lowther, Wauwatosa, engrs.

Wash., Redmond — Apr. 27, by City Comrs., 100 ft. concrete dam, and 17,600 ft. c.i. pipe line for waterworks.

Calif., Beverly Hills — Taking bids 5 m.g.d. rapid sand filter. Salisbury, Bradshaw & Taylor, Pet. Sec. Bldg., Los Angeles, engr.

Calif., Monrovia—L. P. Black, city clk. taking bids 850 ft. 6 in. Class "C" c.i. bell and spigot, and 100 ft. 6 in. standard screw pipe with recessed couplings. Noted Dec. 2.

Calif., Sacramento—Apr. 28, by H. G. Denton, city clk., constructing 8 filter beds in connection with municipal filtration plant. A. J. Wagner, city engr.

Ont., Dryden—See "Sewers."

Contracts Awarded

Mass., Boston—Metropolitan Water Supply Dist., 24 School St., sinking 650 ft. shaft for Wachusett-Coldbrook Tunnel in Rutland, to J. J. Coughlin Sons, Inc., 27 School St., $137,854.

Mass., Chelsea (br. Boston)—Panco Rubber Co., Highland St., rein.-con. reservoir, Highland St., to J. Slotnick, 199 Washington St. Engrs. est. approximately $15,000.

Mass., Falmouth—Town, Water Comrs., Town Hall, furnishing pipe, valves, hydrants for waterworks, to L. P. Frederico & Co., 43 Westwood St., Dorchester. Engrs. est. to exceed $15,000. Noted Mar. 17.

N. Y., Brooklyn — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in Avenue K, here, to Empire Contg. Co., 1072 Castleton Ave., West New Brighton, $16,760; in Avenues H, L and T, to Riverdale Water Wks. Corp., 355 East 113th St., New York City, $2,999; and in Surf Ave., to Wataga Contg. Co., 308 Lenox Ave., New York City, $14,240. Grand total $33,999. Noted Mar. 24.

N. Y., Brooklyn—J. J. Byrne, pres. Brooklyn Boro, Boro Hall, sewer in Rockaway Parkway and Newport St., to Bateman & Ficken, 411 85th St., $13,074 and $1,609 respectively; in Kings Highway and Ryder St., also in West 4th St., to R. Iovino, 678 Glenmore Ave., $450 and $263 respectively; and in East 26th St., to A. W. Matarazzo, 1163 61st St., $2,171. Grand total $17,567. Noted Mar. 31.

N. Y., Long Island City — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in 42nd St., here, to Grippo Contg. Co., 85 Webster Ave., $11,373; and in Calamus and 38th Sts., to S. Gallucci Sons, 33 Railroad Ave., Corona, $5,706 and $8,669 respectively. Grand total $25,748.

N. Y., Long Island City — N. J. Hayes comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in 48th and 49th Sts., etc., to Gregory Contg. Co., 351 East 124th St., New York City, $6,970. Noted Apr. 7.

N. Y., New York — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Barnes Ave., to Norton Eng. & Contg. Co., 510 West 149th St., $6,919; and in Crotona Ave., to Wataga Contg. Co., 308 Lenox Ave., $9,300, both in Bronx Boro.

N. Y., St. George — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in Fairview Ave., here, to Knight & DeMicco, Inc., 448 East Tremont Ave., New York City, $6,910; and in Britton St., to Empire Contg. Co., 1072 Castleton Ave., West New Brighton, $11,140.

Pa., Allentown—Water Bureau, 301 Central Fire and Police Station, 10 m.g.d. filtration plant and appurtenant works, to Hoch Contg. Co., Allentown, $360,565. Noted Mar. 10.

Pa., Phila.—Dept. Pub. Wks., Bureau of Water, Contrs. 843 and 861, to Acme Machine Co., 27 North 38th St., $49,995 and $4,690 respectively; Contr. 873, to Walker & Kepler, 513 Chestnut St., $598; and Contr 875, to Edgemoor Iron Co., Edgemoor, Del., $16,390. Grand total $71,673. Noted Mar. 31.

Mich., Detroit—Dept. Water Supply, 125 tons Class "C" 12 in. c.i. pipe f.o.b. cars Detroit, to Crane Co., 150 Randolph St., at $42.40 per ton.

Okla., Okmulgee—For 18 in. c.i. mains from pump station to 6th and Kern Sts., to Standard Paving Co., 1742 East 6th St., Tulsa, $49,915. Engrs. est. $50,000.

Sewers

Proposed Work

Ala., Dothan—Election May 2, $30,000 bonds, sewer in various streets.

La., Melville — Election soon $60,000 bonds, sanitary sewerage system. Swanson-McGraw, Inc., Balter Bldg., New Orleans, engr.

W. Va., Parkersburg—See "Streets and Roads."

O., Akron—W. F. Peters, dir. Pub. Serv., soon takes bids 2,685 ft. 8- to 54-in. vitr. clay sewers, etc., Wellington Ave., $31,800; 17,135 ft. 8- to 48-in. Gorge Blvd. et al, $143,400; 8,125 ft. 8 in. Garman Rd. et al, $35,900; and 3,820 ft. 8- to 24-in. Bard-r Ave. et al, $21,900. J. E. Root, Municipal Bldg., engr.

O., Canton—See "Streets and Roads."

O., Hamilton—Takes bids probably in June, sanitary sewers and house connections, etc. in Neal Blvd., Campbell, North and South Drexa Drs., Shirley, Morey, Helen, Greenwood and Elaine Aves. $48,000. W. R. Willard, city engr.

Ill., Decatur—Made plans sewage disposal plant. $500,000. Pearse, Greeley & Hansen, 6 North Michigan Ave., Chicago, engrs.

Ill., Edwardsville — Takes bids about June 1, sewage disposal plant, and 12,525 ft. 10- to 18-in. vitr. clay sewers, 33 manholes, etc., in various streets. $58,652. Sheppard & Morgan, Edwardsville Bank Bldg., engrs. Noted Feb. 10.

Ill., Galesburg—Plans sewers in 9 streets, Brown, Pleasant and Washington Aves., etc. $28,000. A. L. Richey, City Hall, engr.

Ill., Peoria—Plans Upper 5th Ward Sanitary Sewer, and pumping plant at Dry Run Creek near University St., also outlet pipe line up Dry Creek bottom to North St. Sewer near Richmond Ave. $279,773. W. E. Backes, City Hall, engr. Noted Jan. 14.

Ill., Rockford—Plans sewers in Salem St., North Gardiner and North Highland Aves., etc. $35,000. B. C. Harvey, City Hall, engr.

Ill., Tessville (mail Morton Grove) — Made plans sewerage system and waterworks. $300,000. Barker, Flavin, Sheets & Wallace, 160 North La Salle St., Chicago, engrs.

Neb., Wolbach—Defeated $25,000 bonds, sewers in various streets, and sewage disposal plant, etc. Noted Mar. 31.

Mo., Springfield—Voted $325,000 bonds, sewers in various streets. S. R. Fisher, city engr. Russell & Axon, 404 McDaniels Bldg., consult. engrs. Noted Mar. 24.

N. D., Williston—J. M. Hunt, city aud., rejected bids Mar. 29, 10,066 ft. 10- to 66-in. storm sewers, etc., in various streets. $50,000. W. H. Robinson, city engr. Noted Feb. 3.

Okla., Konawa — Voted $65,000 bonds, new sanitary sewerage system. J. C. Milliken, Continental Bldg., Oklahoma City, engr. Noted Apr. 7.

Okla., Shidler—Voted $40,000 bonds, new sewerage system. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Mar. 31.

Calif., Glendale—City Council soon takes bids 300 ft. c.i. sewers and 19,689 ft. 6 in. vitr. house sewers, etc. in Hill and Harvey Drs., etc., Sewer Dist. 8. J. F. Johannsen, city engr.

Calif., Livingston—See "Waterworks."

Calif., San Diego—Plans 100,726 ft. 6- to 16-in. concrete sewer in Mission Valley; also 25,792 ft. 18- to 66-in. concrete sewer, etc. in Switzer Canyon Drainage System. F. A. Rhodes, City Hall, engr.

Que., Hull — City Council soon takes bids sewers in various streets. $165,000. T. Lanctot, Hull, engr.

Bids Desired

Mass., Boston—Apr. 22 and 25, by Dept. Pub. Wks., J. H. Sullivan, comr., sewers in various streets, West Roxbury. $25,000.

Mass., Gloucester—Apr. 25, by Bd. Sewerage Survey, City Hall, intercepting sewer with lateral sewers, etc., in various streets. $100,000 bonds. Fay, Spofford & Thorndike, 44 School St., Boston, Mass., engrs.

Conn., Bridgeport—May 6, by City, at office J. A. McElroy, city engr., inverted sewer siphon beneath Pequonnock River, south of Congress Street Highway Bridge; also furnishing and installing mechanically brush cleaned sewer screen. Fuller & McClintock, 170 Bway., New York City, engrs.; adv. E. N.-R. Apr. 21.

Conn., Greenwich—May 5, by Sewer Comrs., H. E. Senft., chn., approximately 53,000 ft. 8- to 15-in. sanitary sewers, and constructing Sewage Pumping Stations A-C-D-E-F-G, for in Sewer Dist. 1, Sound Beach. S. E. Minor & Co., Inc., Greenwich, Conn., engrs. Clyde Potts, 30 Church St., New York City, consult. engr. latter project; adv. E. N.-R. Apr. 21.

Pa., Oil City—See "Streets and Roads."

N. Y., St. George — Apr. 27, by J. A. Lynch, pres. Richmond Boro, Boro Hall, sanitary sewers in Amboy Rd. and Prospect Ave.

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Sewers (Continued)

Pa., Phila.—Apr. 27, by Dept. Pub. Wks., Bureau of Engineering, constructing Sect. 3 Upper Delaware Collecting Sewer. G. H. Biles, dir. Noted Mar. 17.

Fla., Fort Lauderdale—May 17, by Mayor and Bd. Comrs. at office B. J. Horne, city mgr., storm and sanitary sewers in various streets. Solomon, Norcross & Keis, Fort Lauderdale, consult. engrs.; adv. E. N.-R. Apr. 21.

O., Parma (br. Cleveland)—Apr. 22, by Village, sewer in Fortune Ave. $30,000. R. F. MacDowell, Chester-Twelfth Bldg., Cleveland, engr.

Mich., Birmingham—Apr. 25, by H. E. Lawler, village clk., 13,641 ft. 10- to 36-in. storm sewers, etc., in Assessment Dists. 94, 97, and 104.

Mich., Plymouth—Apr. 25, by W. Weltner, village mgr., approximately 17,650 ft. 8 in. vitr. sewers in various streets. Hoad, Decker, Shoecraft & Drury, Ann Arbor, engrs.

Ill., Decatur—May 5, by Sanitary Dist. of Decatur, Linxweiler Bldg., blower house and equipment, incl. motor, air meter, air filter, valves, heating system, etc. Pearse, Greeley & Hansen, 6 North Michigan Ave., Chicago, engrs.

Ia., Council Bluffs—Apr. 25, by City, c/o J. B. Jenkins, city clk., 2,796 ft. 6- to 18-in. sewers in Ave. G; 855 ft. 10 in. sewers and 2 manholes in alley between Avenues E and D; and 17,810 ft. storm sewers, 123 catch basins, and 41 manholes in Bway.

Kan., Concordia—May 4, by City Clerk, sanitary sewers in various streets. To exceed $25,000. Haskins & Crawford, 824 Finance Bldg., Kansas City, Mo., engrs.

Wash., Kalama—May 3, by Comrs. Cowlitz Co., 5,200,000 g.p.d. sewage disposal plant, incl. pumps, motors, pipes, valves, elevators, controls and frame house, 22,150 ft. 6- to 24-in. pipe, 26,600 cu.yd. trench, etc., in Sewerage Impvt. Dist. 16. H. D. Renner, Kelso, aud.

Calif., Maywood — City Trustees taking bids constructing approximately 15 mi. lateral sewers and approximately 60,000 ft. house connections in various streets. To exceed $75,000. G. A. Schwabland, city engr.

Ont., Dryden—Apr. 28, by J. E. Gibson, 3 mi. sewers and 1 mi. small water mains in various streets. James, Proctor & Redfern, 36 Toronto St., Toronto, engrs.

Contracts Awarded

Pa., Phila.—Dept. Pub. Wks., Bureau of Engineering, sewage disposal plant for Upper Delaware Collecting Sewer near State Rd. Sect. 1, (tunnel method) to Mason & Hanger Co., 4975 Bway., New York City, $972,380; Sect. 2, (tunnel method), to J. P. White Co., Passaic, N. J., $7,207; Sects. 4 and 5 (open cut method), to H. W. Horst Co., Rock Island, Ill., $707,793 and $1,613,942 respectively. Grand total $3,301,311. Noted Mar. 17.

O., Cleveland—Bd. Comrs. Cuyahoga Co., 4,600 ft. 8- to 36-in. brick sewer in West 51st St. and Milford Ave., Impvt. 115, to Sheets & Canfield Co., Columbus, $43,022. Noted Apr. 14.

Ind., South Bend—Sanitary sewer, main and laterals complete, to Dunnegan Constr. Co., Shenandoah, Ia., $1,425,466.

Ill., Broadview (mail Bellwood)—For 6- to 27-in. sewers, etc. in various streets, to Allied Contractors, Inc., Morrison Hotel, Chicago, $144,907.

Waste Disposal

Proposed Work

Ill., Peoria — Voted $150,000 bonds, 2 garbage incinerators and motorization garbage collection system. W. E. Backes, City Hall, engr. Noted Mar. 17.

Bridges

Proposed Work

N. J., Linden—Bd. Freeholders Union Co. (Elizabeth), making plans several small bridges at various locations. $29,550. J. L. Bauer, Elizabeth, co. engr.

Fla., Tampa—Tampa Subway Corp., 723 Stovall Professional Bldg., N. W. Green, secy., plans 4 mi. rein.-con. double leaf bascule bridge, also 2,500 lin.ft. rein.-con. vehicular tunnel under ship canal in Hillsboro Bay, 1,500,000 cu.yd. dredging and hydraulic fill, 189,000 cu.yd. concrete, 6,800 tons reinforcing, etc.

Miss., Vicksburg — Vicksburg Bridge & Terminal Co., c/o H. E. Bovey, 1263 Agnes Pl., Memphis, Tenn., takes bids about June 30, one 800 ft. and six 400 ft. span fixed steel truss bridge on concrete piers over Mississippi River, here. Harrington, Howard & Ash, Orear Leslie Bldg., Kansas City, Mo., engrs. Noted Apr. 7.

O., Sandusky—Sandusky Bridge Co. plans approximately 2½ mi. bridge from Martins Point, Erie Co., to Danbury, Ottawa Co., over Sandusky Bay, here.

Ill., Bloomington—Voted $90,000 bonds, viaduct at South Main St., and subway at Oakland Ave. S. McCullough, City Hall, engr.

Ill., Chicago — Voted $1,700,000 bonds, new Roosevelt Rd. Bridge; $1,700,000 bonds, new Taylor St. Bridge; $1,625,000 bonds, new Clark Street Bridge; and $3,700,000 bonds, new Wabash Avenue Bridge. W. E. Dever, mayor. Noted Mar. 10.

Mo., Springfield — Voted $75,000 bonds, constructing bridge over Jordan Creek between Boonville and Main Sts. Russell & Axon, McDaniels Bldg., engrs. Noted June 17, 1926.

Mo., Springfield—Voted $75,000 bonds, viaduct at Benton Ave.; and $290,000 bonds viaduct at Grant Ave. S. R. Fisher, city engr. Russell & Axon, 404 McDaniels Bldg., consult. engrs. Noted Mar. 24.

Tex., Lubbock—See "Streets and Roads."

Oklahoma — State Hy. Dept., Oklahoma City, making preliminary plans 2 span 120 ft. steel truss bridge on piers over Skeleton Creek, at Marshall, Logan Co., $45,000; and 2 span 140 ft. steel truss bridge on concrete piers over Cache River, at Cache, Commanche Co., $45,000. J. M. Page, highway engr.

Wash., Bellingham—City, Chicago, Milwaukee & St. Paul R.R. Co., C. F. Lowther, ch. engr., Union Sta., Chicago, Ill., and Great Northern R.R. Co., J. R. W. Davis, ch. engr., St. Paul, Minn., plan concrete bridge over railroad tracks at Bay and Chestnut Sts. $100,000.

Wash., Yakima—Northern Pacific Ry. Co., H. E. Stevens, ch. engr., Ry. Exch. Bldg., St. Paul, Minn,, making plans and soon takes bids concrete and steel bridge, at Walnut St., here. $350,000.

Calif., Reedley—Fresno Co. (Fresno) plans replacing present bridge with new bridge over Kings River, near here. $125,000 or more. C. P. Jensen, Cory Bldg., Fresno, co. surv.

Que., Three Rivers—Made plans 550 ft. concrete viaduct under Canadian Pacific R.R. tracks main line, at St. Maurice St. $155,000. Z. Lambert, Three Rivers, engr.

Bids Desired

N. Y., Auburn—May 17, by J. P. Jaeckel, city mgr., City Hall, wood block paving and creosoted timber sidewalks, underflooring, etc. Lizette St. Bridge. J. J. Tehan, Auburn, engr.; adv. E. N.-R. Apr. 21.

Pa., Pittsburgh—May 2, by W. D. Higgins, ch. engr. (Central Div.) Pennsylvania R.R. Co., Penn. Station, rebuilding span 5 of Bridge No. 0.95, Pan Handle Div. Contr. P-8-61.

O., Dayton—May 6, by F. A. Kilmer, clk. Montgomery Co., removing present structure and constructing 2 span 210 ft. concrete and steel bridge over Stillwater River, etc. $200,000. W. O. Pease, Court House, co. surv.

O., Portsmouth — May 3, by R. H. Coburn, clk. Scioto Co., constructing concrete bridges on Lucasville-Harrisinville, Dry Run and Duck Run Rds.; new substructure and used superstructure on Morgan Place Rd.; and constructing box culvert on Pollock Rd. $42,000.

O., Steubenville—May 3, by Bd. Comrs. Jefferson Co., constructing Bridge 11, steel, on Yellow Creek, Saline Twp., $8,650; also Bridge 23, Knox Twp. $2,060, Bridge 7, Mt. Pleasant Twp. $1,325, Bridge 22, at Asa Hills School House,e Warren Twp. $5,125, Bridge 38 at Eastern Mine, Springfield Twp. $4,150, Bridge 35 on Georges Run, Cross Creek Twp. $4,850, and bridge over Dry Creek below Dillonvale $5,750, all foregoing concrete.

Mich., Lansing—May 16, by City Clerk, 4 span steel deck girder bridge over Grand River, on Saginaw St.; adv. E. N.-R. Apr. 21.

Ia., Burlington—Apr. 26, at office Auditor De Moines Co., one 130 x 20 ft. high truss bridge with four 32 x 20 ft. I-beam approaches, and one 32 x 24 I-beam bridge, also 12 box culverts and extensions. C. E. Waterhouse, Burlington, co. engr.

Ia., Sibley—See "Unclassified."

Minnesota—Apr. 26, by State Hy. Comn., St. Paul, **(F.A.P. means Federal Aid Project and S.P. State Project)**, S.P. 5-31-3 Bridge 4510, F.A.P. 380-B $20,000, and S.P. 3-31-3, Bridge 4598, F.A.P. 380-B $30,000, both near Brookside, Hennepin Co.; and S.P. 5-36-B, Bridge 4175, F.A.P. 345-E over Minnesota River at Shakopee, Scott Co. $100,000; and S.P. 11-34, Bridge 4693, F.A.P. 400-B, near Laurel, Koochiching Co. Noted Mar. 24 under Edina.

Kan., Winfield—Apr. 25, by H. C. Voris, clk. Cowley Co., McKnab Bridge, 80 ft., steel truss span with 20 ft. concrete slab approaches, 20 ft. wide; Polecat Bridge, one 40 ft. and two 30 ft. concrete deck girder spans; Spahr Bridge, 90 ft. steel span with 16 ft. concrete slab approaches, 20 ft. wide; and Curfman Bridge, 10 x 10 ft. triple box. B. Boyle, Court House, engr. Noted Feb. 3.

N. D., Minot—Apr. 29, by Comrs. Ward Co., constructing concrete bridge, 70 ft. center arch, 20 ft. and 30 ft. end arches, 24 ft. roadway over Mouse River, at 6th St. S. E. $35,000. M. B. Stone, 916 New York Life Bldg., Minneapolis, engrs. Noted Jan. 13.

Missouri—Apr. 29, by State Hy. Comn., Jefferson City, 30 ft. rein.-con. deck girder span, etc. over Roberts Branch, Clinton Co.; two 30 ft. and one 45 ft. rein.-con. deck girder spans, etc. over Linn Creek, Gentry Co.; and three 35 ft., rein.-con. deck girder spans, etc. over Missouri Pacific R.R. tracks, Lafayette Co. T. H. Cutler, ch. engr.

Nev., Jean—May 4, by State Hy. Comn., Carson City, concrete and steel bridge over Union Pacific R.R. tracks, near here, Clark Co. G. W. Borden, state highway engr.

Calif., San Bernardino—See "Streets and Roads."

Bids Received

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., Apr. 13, steel viaduct and approaches on Riverside Dr. from West 155th to 161st Sts., from P. T. Cox Contg. Co., 154 Nassau St., $1,797,552. Noted Mar. 31.

Illinois and Missouri—Alton-St. Louis Bridge Co., c/o L. E. Anderson & Co., 711 St. Charles St., W. R. Compton Co., 704 Locust St. and Bitting & Co., 316 North 8th St., all St. Louis, Mo., substructure 3,600 ft. rein.-con. and steel bridge, 20 ft., incl. two 500 ft. main and several approach spans over Mississippi River, at Alton, Ill., and 2,000 ft. rein.-con. and steel bridge, 20 ft., incl. two 439 ft. main and several approach spans over Missouri River at Ft. Bellefontaine (P. O. Ruegg), Mo., from Kansas City Bridge Co., 510 Orear Leslie Bldg., Kansas City, Mo.; and superstructure for Mississippi River Bridge, at Alton, Ill., from Wisconsin Bridge & Iron Wks., North Milwaukee, Wis. Engrs. total est. $2,400,000. Noted Mar. 24.

Contracts Awarded

N. Y., Rye—Westchester Co. Park Comn., 72 Pondfield Rd., Bronxville, stone and timber faced rein.-con. bridge over Blind Brook, in Cross County Parkway, here, to J. S. Lowney Co., 38 Chauncey St., Astoria, $16,810. Noted Mar. 31.

Pennsylvania—E. Huston, controller Fayette Co., Uniontown, constructing Bridge 11, 120 ft. long, at Grindstone, to Ferris Eng. Co., Pittsburgh, $34,802; and Bridge 11, at Smock, to S. McLaughlin & Son, Vanderbilt, $26,357. Noted Mar. 31.

Ia., Washington—Washington Co., 1 pony truss and 2 slab bridges, also 30 box culverts, to Iowa Bridge Co., 1901 Easton Ave., Des Moines, $48,395.

Ont., Hamilton—See "Streets and Roads."

Railways

Proposed Work

Pennsylvania—See "Buildings—Commercial under Phila."

Maryland—Castleman Valley R.R. Co., S. H. Bracey, pres., Grantsville, plans 3½ mi. railroad extension from Grantsville up Shady Run for purpose developing coal and timber lands.

Michigan — Pere Marquette R.R. Co., Union Depot, Fort St., Detroit, H. A. Cassil, ch. engr., plans relaying 4 mi. track, repairing 5 spur sidings, and replacing 70 lb. rails with 80 and 90 lb. steel rails from Union Depot to Lake Michigan Park, in Muskegon. $40,000-$50,000.

Missouri — Wabash R.R. Co., R. H. Howard, ch. engr., Ry. Exch. Bldg., St. Louis, plans improving track between Moberly and Kansas City; also new ballasting between Moberly and Brunswick, and in vicinity of Excelsior Springs Junction.

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Railways (Continued)

Ontario — Canadian Natl. Rys., New Union Sta., Toronto, T. T. Irving, ch. engr. (Central Region) making plans new railway yards and 30 stall roundhouse in Windsor. $200,000.

Ontario—Temiskaming & Northern Ontario R.R., North Bay, S. B. Clement, ch. engr., plans branch lines into Rouyn mining fields and Hinderland towards James Bay.

Contracts Awarded

California — Supervs. Los Angeles Co. Flood Control Dist., 16.2 mi. 70 relay rails for San Gabriel Canyon Railway, in Los Angeles, to G. Weissbaum, 137 11th St., San Francisco, $33.50 per ton. Noted Feb. 24.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

Mass., Winthrop—Town Bd. Selectmen plans breakwater, foot Cottage Hill. $37,500. Private plans.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., rejected bids April 4, public beach along ocean front, incl. bulkhead, groynes, etc. from 25th to 54th Sts. Noted Mar. 31.

Fla., Tampa—See "Bridges."

Ill., Chicago—Voted $2,500,000 bonds, altering the channel of the South Branch of Chicago River between Polk and 18th Sts. W. E. Dever, mayor. Noted Nov. 4.

Ia., Glenwood — Mills Co. will not construct 4 mi. drainage ditches near Pacific Junction, for draining 6,000 acres, incl. 200,000 cu.yd. excav. Project postponed indefinitely. Towle, Nelson & Schwart, 525 Peters Trust Bldg., Omaha, Neb., engrs. Noted Jan. 13.

Calif., Modesto—West Stanislaus Irrigation Dist. plans election $800,000 bonds, irrigation works.

Bids Desired

N. Y., Rockaway Park (mail Arverne)—Apr. 26, by Park Bd., F. D. Gallatin, pres. Dept. Parks, Arsenal Bldg., Central Park, New York City, constructing timber bulkhead and jetties, placing sand fill, etc., on beach front between Beach 109th and Beach 126th Sts., Queens Boro.

Ia., Burlington — Apr. 26, at office Auditor Des Moines Co., excavating, channel change, etc. on U. S. Highway 61, Federal Aid Project 301-A and C, north of here.

Ia., Fairfield.—Apr. 26, by Supervs. Jefferson Co., constructing 9,350 ft. Cedar Creeek D. D. 4, incl. 70,500 cu.yd. excav., and 8,650 ft. Dist. 5, 76,000 cu.yd. excav. W. A. Glotfelty, chn.

Minn., Minneapolis—Apr. 26, by A. P. Erickson, aud. Henepin Co., constructing County Ditch 43, 70,000 lin.ft. 4 to 12-in. tile laterals. $25,000. S. A. Norling, Excelsior, engr.

Minn., St. Paul—Apr. 26, by A. E. Eggert, city purch. agt., approximately 800,000 cu.yd. filling at airport; and at River Barge Terminal. $250,000. G. M. Shepard, city engr.

Calif., Tracy—May 11, by W. Schlossman, secy. Banta-Carbona Irrigation Dist., recording and watt hour measuring device with transformers, clock and recording device for 60,000 volt transmission line; recording volt meters for 2,200 volt transmission lines, one each at Pump Houses 1 and 4; also all necessary accessories, etc. T. H. Means, 216 Pine St., San Francisco, engr.

Calif., Waterford — May 2, by C. S. Abbott, secy. Modesto Irrigation Dist., Modesto, constructing Ketcham Bros. Drain. $15,000 cu.yd. earth excav. from 4,200 trench.

Ont., Winchester—Apr. 30, by G. Elliott, clk. Winchester Twp., Chesterville, dredging 40,602 ft. Black Creek Drainage System, 34,260 cu.yd. earth and 247 cu.yd. hardpan excav. $40,000. D. H. Weir, Winchester, engr.

P. E. I., Charlottetown—Apr. 22, by S. E. O'Brien, secy. Dept. Pub. Wks., Ottawa, Ont., constructing outer 435 ft. eastern face of Canadian Natl. Ry. wharf, here, 41,500 lin.ft. creosoted piles, 163,000 ft. creosoted and 156,000 ft. untreated timber, 27,000 cu. yd. excavating, and 40,000 lb. iron bolts, etc. $175,000. K. M. Cameron, Dept. Pub. Wks., Ottawa, engr.

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Contracts Awarded

New York—Dept. Pub. Wks., Div. Canals & Waterways, Albany, excavating canal channel in Mohawk River and land lines at various locations from Auriesville to Frankfort, Contr. M-29, to Amer. Pipe & Constr. Co., Amsterdam, $135,077. Noted Mar. 24.

New York—Dept. Pub. Wks., Div. Canals & Waterways, Albany, dredging canal channel in Mohawk River, Contr. M-26, to J. W. Hennessey, Inc., Mohawk St., Little Falls, $116,844. Noted Mar. 24.

N. Y., Brooklyn — J. J. Byrne, pres. Brooklyn Boro, Boro Hall, dredging in Newton Creek, to P. J. Moran, c/o W. Beard Co., 59 Pearl St., New York City, $16,192; also Gowanus and Wallabout Canals, to J. A. Seely, Inc., 30 Church St., New York City, $11,000 and $6,400 respectively. Grand total $33,592. Noted Mar. 31.

O., Columbus—See "Buildings—Educational under Bids Desired."

Minn., Bemidji — A. D. Johnson, aud. Beltrami Co., approximately 247,418 cu.yd. machine ditching, Job 2608, State Aid Rd. 11, to Potter & Nelson, Wyville, Wis., $27,464; also 13,755 cu.yd. excav. and 1,666 cu.yd. overhaul, etc., to Larson & Thompson, Jelle, $4,556. Noted Mar. 24.

Streets and Roads

Proposed Work

Mass., Arlington (br. Boston)—Plans repairing and reconstructing Massachusetts Ave. from Academy and Central Sts. to Schouler Court and Lockland Ave., to exceed $25,000; also laying out and constructing various streets, $138,090 appropriated. Private plans.

R. I., Providence—Bd. Aldermen plans grading and curbing De Simone Ave., Canton, Glover, Gorton and Johnson Sts. $25,000 or more. Private plans.

N. J., Elizabeth—Bd. Pub. Wks. making plans widening and paving 9,200 ft. Newark Ave., 60 ft. $212,000. T. E. Collins, Elizabeth, engr.

N. J., Moorestown—Bd. Freeholders Burlington Co. (Mount Holly), making plans concrete paving 2-3 mi. North Church St., here. $80,000. H. B. Smith, Mt. Holly, engr.

N. J., New Brunswick—City Comn. plans paving several streets. $82,000. A. Atkinson, New Brunswick, engr.

Pa., Phila.—See "Buildings—Commercial."

Pa., Sharon—Making plans brick or asphalt paving approximately 65,000 sq.yd. various streets. $200,000. L. E. Burnside, City Bldg., engr.

W. Va., Huntington—Barboursville Dist. election May 4, $275,000 bonds, improving various roads in Cabell Co. R. S. Douthat, co. clk.

W. Va., Middlebourne — Lincoln Dist. election Apr. 26, 75,000 bonds, improving roads, in Tyler Co.

W. Va., Parkersburg — Plans election $500,000 bonds, paving and sewers in various streets. J. V. Dunbar, city engr.

W. Va., White Sulphur — Dist. voted $151,000 bonds, improving various roads. J. K. Monroe, Lewisburg, engr. Noted Mar. 24.

Ga., Gainesville—A. C. Stringer, superv. Hall Co., plans concrete paving, etc. 8½ mi. roadway. $250,000.

Alabama—State voted $25,000,000 bonds, improving and constructing highways.

Miss., Corinth—Soon takes bids grading, and asphalt or macadam paving various streets. $60,000. R. L. Totten, 434 Brown Marx Bldg., Birmingham, Ala., engr.

Miss., Laurel—Jones Co. making preliminary plans grading, hard-surfacing, etc. 2 mi. Jackson-Laurel Highway, 18 ft. $40,000.

Tenn., Dresden — Weakley Co. voted $644,000 bonds, improving roads.

Tenn., Nashville — Davidson Co. plans election $1,000,000 bonds, improving state and county roads. L. Hickman, co. judge.

Tenn., Ripley — Lauderdale Co. plans election $1,000,000 bonds, improving roads.

Tenn., Tiptonville—Lake Co. voted $100,000 bonds, improving State Road 78. Noted Apr. 7.

Tenn., Trenton—Gibson Co. election soon $1,000,000 bonds, improving state and county roads.

O., Akron — W. F. Peters, dir. Pub. Serv., soon takes bids grading, curbing and vitr. brick paving, etc. 6,900 sq.yd. Garry Rd., $45,000; and 2,930 sq.yd. Delmar Ave., $23,600. E. A. Kemmler, Municipal Bldg., engr.

O., Canton—Bd. Control takes bids about May 13, probably asphalt paving 10th St. N. W. from Fulton to Ridge Rds., $2[illegible] probably brick paving, etc. 22nd St. from Market Ave., to St. Elmo Ave. N. E. $[illegible]-000-$35,000, and 24th St. N. E. from Market Ave. N. to St. Elmo Ave. $30,000; also walks, paving and constructing sanitary sewer, etc. in 23rd St. N. E. from Rowland Ave. N. E. to St. Elmo Ave. $35,000-$40,000. W. E. Sarver, Canton, engr.

Ind., Anderson—Plans grading and concrete paving 1 1/3 mi. Robt. Waltz Rd. (Outer Blvd.), 24 ft. $45,000. A. E. Steele, Anderson, engr.

Ind., Auburn—DeKalb Co. plans resurfacing 22,000 sq.yd. Miller and Thomas Rds. $27,500.

Ind., Jeffersonville—Plans paving Indiana Ave. $45,000. Address City Clerk, Jeffersonville.

Ind., Madison—Plans concrete paving 3 mi. Noble, George and 27th Sts. $25,000. A. Steele, Madison, engr.

Ill., Bowen—Plans grading, curbing and rein.-con. paving 6 blocks various streets, 30 ft. $25,000. E. F. Motsinger, City Hall, Canton, engr.

Ill., Chicago — Voted $2,000,000 bonds, purchasing land, widening, repaving, etc. portion Western Ave., $1,600,000 bonds, portion Indiana Ave., $2,500,000 bonds, portion Ashland Ave., $2,500,000 bonds, portion Kimball Ave.; and $100,000 bonds, opening 103rd St. between Cottage Gove and Stoney Island Aves. W. E. Dever, mayor.

Ill., Dixon—Lee Co. election in June, $33,000 bonds per year for 4 years graveling, etc., 25 mi. various roads. Townships will pay equal amount in respective townships. Total $264,000. F. W. Leake, Court House, engr.

Ill., Evanston—Bd. Local Impvts. soon takes bids rein.-con. paving 1 mi. Oakton St., 40 ft. $163,000. A. Loag, City Hall, engr. Noted Feb. 17.

Ill., Morrison—Whiteside Co. voted $25,000 bonds, graveling 12 mi. roads in Union Grove Twp. E. O. Hills, Court House, engr. Noted Feb. 24.

Ill., Peoria—Plans grading, curbing and concrete paving 0.5 mi. Elizabeth St., 24 ft., $37,294; also grading, curbing and rein.-con. paving 9 blocks Saratoga St., 30 ft., $37,091. W. E. Backes, City Hall, engr.

Wis., Whitefish Bay—Plans grading and concrete paving, etc. 73,000 sq.yd. Blackstone Blvd., Bartlett Dr. East and West, Shore Court. and Newhall St., etc. T. F. Buckley, city engr.

Ia., Cedar Rapids—Soon takes bids grading, curbing, guttering and concrete paving 23,000 sq.yd. Linden Dr., Blake Blvd., Crescent St. and The Crossways. F. S. Alden, City Hall, engr. Noted Apr. 14.

Ia., Clinton—City Clerk takes bids about May 15, concrete, sheet asphalt, brick and warrenite paving 20,000 sq.yd. various streets. B. R. Anderson, city engr. Noted Feb. 17.

Kan., Ellsworth—Ellsworth Co. making preliminary plans grading, bridging, etc., 8 mi. Primary Project 347-B and C, 30 ft. H. Storey, Court House, engr.

Kan., Lawrence—Douglas Co. plans grading, concrete or brick paving, etc., 4.19 mi. Federal Aid Project 273-C, 18 ft. E. E. Trueblood, Lawrence, co. engr.

Mo., Huntsville—Randolph Co. plans election in May, $1,375,000 bonds, constructing and improving various roads.

Mo., Joplin—Soon takes bids grading and concrete paving, etc. 10,100 sq.yd. 12th St., and 19,600 sq.yd. Moffet Ave. $59,500. S. P. Ashcraft, Jr., City Hall, engr. Noted Sept. 30.

Mo., Springfield — Voted $75,000 bonds, improving Water St. between Boonville and Main Sts. S. R. Fisher, city engr. Russell & Axon, 404 McDaniel Bldg., consult. engrs. Noted Mar. 24.

Ark., Bentonville — Making preliminary plans grading, curbing, guttering and concrete paving 1 mi. Street Paving Dist. 2, 26 ft. $50,000. Black & Veatch, Mutual Bldg., Kansas City, Mo., engrs.

Ark., El Dorado—Soon takes bids grading, curbing, guttering and concrete paving 36,462 sq.yd. in Mellow Addition, Paving Dist. 21. $125,000. Eby Eng. Co., Randolph Bldg., Eldorado, engrs.

Tex., Lubbock — Lubbock Co. making plans grading and bridging 11½ mi. Highway 3, $70,000; also 17½ mi. Highway 7, $95,000. J. W. Alger, Lubbock, engr.

Okla., Frederick—Plans grading, curbing and vertical fibre brick paving 20,400 sq.yd. Dist. 21. $66,316. Benham Eng. Co., Gumbel Bldg., Kansas City, Mo., engrs.

Okla., Guymon—Soon takes bids grading, curbing and brick on concrete paving, etc., 16,000 sq.yd. various streets. $75,000. F. E. Devlin, 614 Bitting Bldg., Wichita, engr.

Streets and Roads (Continued)

Okla., Tulsa—Plans grading, curbing and sheet asphalt paving 6,080 sq.yd. streets in Dist. 774, $25,451; and 10,610 sq.yd. Dist. 780, $41,344. C. Schultz, City Hall, engr.

Calif., Alhambra (Ind br. Los Angeles)—Plans paving, etc. Ramona Blvd. $300,000 or more. Los Angeles Co. (Los Angeles), Pacific Electric Ry., and property owners appropriate toward cost.

Calif., Claremont—Plans election $60,000 bonds, paving various streets.

Calif., El Cerrito — Made plans grading, curbing, guttering and 2½ in. asphaltic macadam on 5 in. waterbound macadam paving 35,585 sq.ft. Pomona Ave.

Calif., Emeryville—Making plans curbing, guttering and oil macadam paving 135,000 sq.ft. Green St., etc. R. S. Hawley, city engr.

Calif., Los Angeles—See "Sewers."

Calif., Los Angeles—Los Angeles Co. plans constructing mountain road from Glendora to forks site of San Gabriel River dam. To exceed $25,000.

Calif., Los Angeles—Bd. Pub. Wks. takes bids about May 7, curbing, guttering, walks and 8 in. concrete paving 2.84 mi. 4th St.; also 2½ in. sheet asphalt and 5 in. asphaltic concrete paving, etc. Sherman Way, to exceed $50,000. J. C. Shaw, City Hall, engr.

Calif., Los Angeles — Plans 7- to 9-in. vibrolithic concrete paving portions Vermont Ave. To exceed $25,000. G. W. Jones, Hall of Records, engr.

Calif., North Sacramento (mail Sacramento)—Plans curbing, paving, etc. Redwood, 6th and 7th Sts., etc. To exceed $25,000.

Calif., San Diego—Common Council plans curbing and 5 in. asphaltic concrete paving 30,575 sq.ft. Ingalls St. and Montecito Way. F. A. Rhodes, city engr.

Calif., San Francisco—Making estimates widening, paving and curbing, etc. Judah St. between 9th Ave. and Ocean Beach. To exceed $25,000. M. M. O'Shaughnessy, city engr.

Que., Hull—Plans sidewalks and granite block paving various streets. $163,000. T. Lanctot, City Hall, engr.

Que., Three Rivers—Council plans 2,000 ft. boulevard, 18 ft. $36,000. Z. Lambert, Three Rivers, engr.

Ont., Blenheim—Kent Co. Council plans concrete or macadam paving approximately 5 mi. road from here, to Charing Cross. $100,000. W. D. Colby, Harrison Hall, Chatham, engr.

Ont., Hamilton—Wentworth Co. Council plans bituminous concrete paving 2½ mi., concrete paving ¼ mi., and waterbound macadam paving 5 mi. various roads; also 6 small concrete bridges, etc. $150,000. H. A. Lumsden, County Bldgs., engr.

Ont., Gananoque—Plans concrete curbing, guttering, and probably bitulithic or asphalt paving 1 mi. various streets. $50,000. James. Proctor & Redfern, 36 Toronto St., Toronto, engrs.

Ont., Kitchener — Waterloo Co. making plans concrete paving 6 mi. St. Jacobs Highway, Conestogo Rd., Main and Waterloo Sts. $156,000. L. Lichti, County Bldgs., engr.

Ont., Kingston — Frontenac Co. plans grading, gravel, macadam and concrete paving various roads. $120,000. R. H. Fair, 183 William St., engr.

Ont., Napanee—Town Council plans concrete curbing, guttering, and asphalt or bitulithic on concrete paving 12,000 sq.yd. various streets. $50,000. James, Proctor & Redfern, 36 Toronto St., Toronto, engrs.

Ont., St. Catherines — Suburban Roads Comn. soon takes bids cement paving Merritville Rd. $150,000. A. Rutherford, 24 Queen St., engr. Noted Feb. 25.

Ont., St. Catharines—Lincoln Co. plans macadam paving 12 mi. roads in Caistor, Gainsboro and South Grimsby Twps. $120,000. F. N. Rutherford, 24 Queen St. E., engr.

Ont., St. Catharines—Making plans concrete curbing, guttering, and asphaltic concrete paving 6,000 sq.yd. Elizabeth, Wiley, and Jenkins Sts. $25,000-$30,000. B. F. Lamson, City Hall, engr.

Ont., Sarnia — Making plans concrete curbing, guttering, and probably asphalt on concrete paving 12,000 sq.yd. College Ave., Front, Wellington, and Victoria Sts. $50,000. W. B. Beatty, City Hall, engr.

Ont., Toronto — East York Twp. plans widening Glebemount Ave., also opening and grading Woodycrest and Dewhurst Aves. $25,000. G. R. Jack, 443 Sammon Ave., engr.

Ont., Toronto—York Twp. plans concrete curbing, asphalt and bituminous concrete on concrete paving 6,500 sq.yd. Bude St., Earlscourt Ave., and Kirknewton Rd. $30,000. F. B. Goedike, 40 Jarvis St., engrs.

Ont., Toronto—Making plans asphalt on concrete paving Kerr Rd., Valley View, Walter St., Maxwell and Seymour Aves. $21,740; and concrete paving 4 lanes, $14,028. R. C. Harris, City Hall, engr.

Bids Desired

Massachusetts—Apr. 26, by Dept. Pub. Wks., W. F. Williams, comr., Boston, bituminous macadam paving 3,550 ft. road in Medway, 6,000 ft. road in Millis, 3,083 ft. road in Lakeville, 1,900 ft. road in Harvard, 21,066 ft. road in Richmond, and 14,882 ft. road in Florida and North Adams; bituminous concrete paving 4,000 ft. road in Hanson; also rein.-con. paving 14,611 ft. road in Swansea.

Rhode Island—Apr. 27, by State Bd. Pub. Rds., Providence, 225,000 gal. asphaltic oil or refined tar on various roads. A. L. Atwood, State Bd. Pub. Wks., Providence, engr.

Rhode Island—Apr. 27, by State Bd. Pub. Rds., State House, Providence, 225,000 gal. asphaltic oil or refined tar on various roads; adv. E. N.-R. Apr. 21.

N. Y., Brooklyn—Apr. 27, by J. J. Byrne, pres. Brooklyn Boro, Boro Hall, resurfacing with asphalt by heater method Montrose Ave., Fiske and Polhemus Pls., Baltic, Beadel, Carroll, Clinton, Madison, Middleton, 1st and 2nd Sts.; also grading, curbing, guttering and sheet asphalt on 6 in. concrete paving Clarkson, Gravesend, Albany, Forbell, Foster, Brooklyn, Ovington, Shepard, Troy, 9th, 11th, 12th, 20th, and 24th Aves., Avenues J and H East 42nd, Linwood, Senator 62nd and 80th Sts.

N. Y., Geneva—Apr. 26, by Bd. Pub. Wks., J. W. Brennan, supt. Bd. Pub. Wks., grading, curbing, guttering, sheet asphalt, bithulithic, brick or rein.-con. paving approximately 13,000 sq.yd. various streets; adv. E. N.-R. Apr. 21.

N. Y., Long Island City—Apr. 28, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., grading, etc., South Railroad and Tiemann Aves., 223rd, 71st (Mazeau), Lafayette and Liberty Sts.; grading and sheet asphalt on existing granite block paving Old Flushing Rd.; sheet asphalt on repaired macadam paving Rocky Hill and Springfield Rds., Locust and Farmers Aves.; and sheet asphalt on concrete paving Hammels Blvd., Jamaica and 34th (Graham) Aves., etc.

N. Y., Richmond Hill (Ind. br. Jamaica)—Apr. 26, by Park Bd., F. D. Gallatin, pres Dept. Parks, Arsenal Bldg., Central Park, New York City, asphalt paving on existing dirt road from golf house to Myrtle Ave and Hanson Pl.; also improving entrance at Myrtle Ave. and 109th St., both in Forest Park, here.

New Jersey—May 9, by State Hy. Comn., Trenton, grading and 8 in. double line rein.-con. paving 61,600 sq.yd. Adelphia-Aldrich Rd., Route 7, Sect. 9, Monmouth Co. A. L. Grover, ch. clk.; adv. E. N.-R. Apr. 21.

New Jersey—May 2, by State Hy. Comn., Trenton, grading and 8 in. double line rein.-con. paving 89,037 sq.yd. Route 8, Sect. 10, Verona-Passaic River, near Singac, Essex and Passaic Counties. A. L. Grover, secy.; adv. E. N.-R. Apr. 14.

N. J., Colts Neck—Apr. 29, by Bd. Freeholders Atlantic Co. (Mays Landing), reconstructing 4 mi. Colts Neck-Homedell Rd., Atlantic Twp., here. Throckmorton & Morris, 164 Bway., Long Branch, engrs.

N. J., Newark—Apr. 22, at office Director Dept. Pub. Affairs, City Hall, grading, curbing, flagging and sheet asphalt paving Richelieu Terrace, Adams, Hobson, Jabez, Sheffield and Williams Sts., Lister, New Jersey Railroad, Shepard, Crescent, Montclair, Roseville, Summer and Arlington Aves. J. T. Congleton, acting dir.

N. J., West Long Branch—Apr. 30, by Bd. Freeholders Monmouth Co. (Freehold), concrete paving 0.35 mi. West Long Branch-Interlaken Rd., here. G. K. Allen, Red Bank, engr.

Pa., Oil City—Apr. 25, at office B. B. Weber, city engr., paving, etc., East 7th St. between Allegheny and Central Aves., Hoffman Ave. between Cooper Ave. and Manning St., Wyllis St. between North and 4th Sts.; also 24 in. sewer in Orange St. between North and 1st Sts.

Pa., Phila.—Apr. 26, by Dept. Pub. Wks., Bureau of Highways, grading, asphalt paving (assessment work), asphalt and redressed granite block repaving, also improving country roads, etc. G. H. Biles, dir.

Delaware—May 18, by State Hy. Dept., Dover, widening and concrete paving, etc. 4 mi. roadway from State Rd. to Farnhurst, 4 ft., and widening 1.865 mi. Philadelphia Pike, both in New Castle Co.; concrete paving, etc. 1.65 mi. roadway from Branford, Kent Co. to duPont Highway, and 5 mi. roadway from Angola to Midway, Sussex Co. C. D. Buck, State House, Dover, engr.

Md., Baltimore—Apr. 27, by Bd. Awards, sheet asphalt paving 10,700 sq.yd. streets listed in Contr. 399; concrete paving 13,325 sq.yd. streets listed Contr. 403; and grading 26,200 cu.yd. streets in Contr. 402. S. Purcell, City Hall, highways engr.

Virginia—May 3, by State Hy. Comn., Richmond, improving roads on Projects S-293-A, S-297-A, S-484-A and S-487-A, also bridge on S-411-B. C. S. Mullen, highway comr.; adv. E. N.-R. Apr. 21.

W. Va., Huntington—Apr. 25, by Bd. City Comrs., grading, curbing, and paving portions Chesapeake Court, Camden Rd., Oakland and Madison Aves., 15th and 16th Sts., etc. A. B. Maupin, city engr.

W. Va., Morgantown—May 2, by Monongalia Co. Court, grading, bridging, concrete slab, bituminous macadam, or amiesite on broken or telford stone paving, etc., 13.2 mi. roads in Clay Dist. W. S. Price, Morgantown, co. engr.

South Carolina — May 3, by State Hy. Comn., Columbia, asphalt and concrete paving approximately 60 mi. roads in Charleston, Berkeley, Aiken, Greenwood and Marion Counties.

Florida—May 12, by State Road Dept., Tallahassee, **(P. means Project and R. means Road)**, grading, etc., 11.12 mi. P. 716, R. 28; and 12 mi. P. 717, R. 28, both Bradford Co. J. L. Cresap, highway engr.

Ala., Birmingham — May 20, by City Com., curbing, walks and 2 in. asphalt on 5 in. concrete paving 5 blocks 17th St., Ensley, 30 ft., $26,500; also curbing, guttering, walks and 6 in. concrete paving 3 blocks 25th St., Ensley, 26 ft., $18,500. A. J. Hawkins, city engr.

Ala., Tarrant—Apr. 28, by City Clerk, cement sidewalks and 2 in. asphalt on 5 in. concrete paving 12 blocks 1st Ave., 30 ft. $50,000.

Louisiana—Apr. 28, by State Hy. Comn., Baton Rouge, graveling 5.81 mi. Baton Rouge-Greensburg Highway, State Project 490-A, East Baton Rouge Parish. J. M. Fourmy, Reymond Bldg., Baton Rouge, state engr.

O., Akron—Apr. 27, by Comrs. Summit Co., grading and rein.-con. paving, etc., 15,000 sq.yd. Akron-Wadsworth Rd. 20 A & B. $60,000. H. G. Sours, Court House, engr.

O., Akron—Apr. 25, by Comrs. Summit Co., curbing, grading and traffic bound slag or limestone paving 4 mi. New Portage-Uniontown C H 162 D and E, $54,000; curbing, grading, and paving 1.55 mi. New Portage-Uniontown Rd. C H 162 C-2, asphalt $85,000, rein.-con. $78,000. H. G. Sours, Court House, engr.

O., Bexley (Columbus P. O.)—Apr. 26, by S. W. Roderick, village clk., grading, curbing and asphalt, brick or concrete paving, etc. 46,000 sq.yd. Walnut St., Sherwood and Bryden Rds., Cassingham, Montrose, Grandon, Maryland, Columbia, Drexel, Dawson and Allegheny Aves. $250,000. Jennings-Lawrence Co., Hartman Bldg., Columbus, engrs.

O., Cincinnati—Apr. 25, by C. O. Sherrill, city mgr., City Hall, grading, curbing, walks and concrete repaving 2,900 sq.yd. Bickel, Mandery and Ley Aves., $29,664; grading, curbing, walks and brick repaving 3,300 cu.yd. Hamilton Ave. from Rockford Pl. to Eisens S. Line, $188,588; also grading, curbing, walks and granite repaving 3,300 cu.yd. Hamilton Ave. from Rockford Pl. to Eisens S. Line, $225,988.

O., Cincinnati—Apr. 29, by Comrs. Hamilton Co., grading and tar bound macadam repaving 30,300 sq.yd. Dry Run Rd., $95,990; and 17,900 sq.yd. Johnson Rd., $52,250. E. A. Gast, Court House, engr.

O., Cincinnati—Apr. 27, by C. O. Sherrill, city mgr., grading, curbing, guttering, sidewalks and concrete repaving 4,300 sq.yd. Liddell St. $31,137, and 1,880 sq.yd. Kellogg Ave. $105,176.

O., Cincinnati — Apr. 29, by Comrs. Hamilton Co., grading and asphalt macadam repaving 29,500 sq.yd. Pippin Rd. $80,075. E. A. Gast, Court House, engr.

O., Cleveland—Apr. 27, by City, curbing and paving, etc., East Blvd. S. E., Arabella Rd. S. E., Hillsboro Rd. S. E., Rosecliff Rd. N. E., Westburn Rd. S. E., Miles Ave. S. E., Puritas Ave. S. W., Wayland Ave. S. W., East 39th, 120th, 139th and 140th Sts. R. Hoffman, City Hall, engr.

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Streets and Roads (Continued)

O., Columbus—Apr. 26, by W. H. Duffy, dir. Serv., cement sidewalks on 36 streets. $37,000. R. H. Simpson, City Hall, engr.

O., Columbus — Apr. 27, by Bd. Comrs. Franklin Co., O. Moore, clk., grading and waterbound macadam paving, etc., 1,757 ft. Purdue Ave., 16 ft., Mufflin Twp., $11,818; 2,106 ft. Kilbourne Ave., 20 ft., in Blendon Twp., $14,424; 1.2 mi. Ferris Rd. 16 ft., in Clinton Twp., $41,035; 1.9 mi. Township Line Rd., 16 ft., Blendon and Mifflin Twps., $42,913; and 0.7 mi. Chase Ave. 16 ft., Sharon Twp., $20,414. G. C. Lattimer, co. surv.

O., South Euclid (br. Cleveland)—Apr. 22, by Village, grading and sidewalks, etc., on Miramer Blvd., Lambert, Wandsworth, Bexley, Fennell and Corwin Rds. To exceed $25,000. F. A. Pease Eng. Co., Marshall Bldg., Cleveland, engrs.

Indiana — May 2, by State Hy. Comn., Indianapolis, improving Roads 10, 31, 29, 2, 30, 12 and 41, Contr. 79. J. D. Williams, dir.

Ind., Elkhart — Apr. 26, by Bd. Pub. Wks. **(Impvt. Res. means Improvement Resolution)**, improving Thomas St. Impvt. Res. 674; Kenyon Ave., Impvt. Res. 675; Cleveland Ave., Impvt. Res. 676; Baldwin St., Impvt. Res. 677; McNaughton Ave., Impvt. Res. 678; Dale St., Impvt. Res. 679; Water St., Impvt. Res. 689; and Michigan St., Impvt. Res. 681.

Ind., Jeffersonville—Apr. 25, by Comrs. Clark Co., grading and concrete paving 1.395 mi. Charles T. Hertzsch county unit road. T. L. Stoner, Jeffersonville, aud.

Ind., South Bend—Apr. 25, by Comrs. St. Joseph Co., resurfacing 16,741 lin.ft. Lincoln Highway West. Contractor furnishes material. C. Sedgwick, South Bend, aud.

Ind., Terra Haute—Apr. 27, by Comrs. Vigo Co., grading, etc. William G. Brown et al Rd. $48,196; Lynn H. Hollis et al Rd., $37,208; Chas. E. Hays et al Rd., $17,234; G. A. Monninger et al Rd., $11,068; and Lillie McNamara et al Rd., $17,575, all foregoing in Harrison Twp. J. Dreher, Terre Haute, aud.

Mich., Mason — Apr. 26, by Bd. Road Comrs. Ingham Co., graveling, etc., 1.061 mi. Kipp Rd. Vevay Twp., 1.256 mi. Scoville Ad. Leslie Twp., 1.005 mi. Phillips Rd. Alaiedon Twp., 1.494 mi. Sect. A, and 1.699 mi. Sect. B Meridian Rd. 7, Bunkerhill Twp., 1 mi. Dexter Train Rd. Stockbridge Twp., and 2.505 mi. Wheatfield-Leroy Rd. 3 Leroy Twp.

Ill., Chicago — Apr. 27, by South Park Comrs., 57th St. and Cottage Grove Ave., M. E. Connelly, secy., repairing sheet asphalt and asphalt concrete pavements.

Wis., Cudahy—May 5, by City Comn., grading and concrete paving, etc., approximately 91,000 sq.yd. Allerton, Cudahy, Munkiwitz, Underwood, Armour and Van Norma Sts. $230,000. R. A. Steinhagen, 245½ 38th St., Milwaukee, engr.

Wis., Wausau — Apr. 28, by State Hy. Comn., G. E. Eldred, div. engr., grading, concrete paving, etc., 81,494 sq.yd. Mosinee-Rothschild Rd., S. T. H. 10, Federal Aid Project 449-A; and 74,220 sq.yd. Wausau-Kalinke Rd., S.T.H. 52, State Project 4388, Marathon Co. J. A. Clark, comr.

Ia., Boone — Apr. 27, at office Auditor Boone Co., graveling 45 mi. township roads, 50,000 cu.yd. gravel, etc.

Ia., Council Bluffs — Apr. 25, by F. B. Jenkins, city clk., 6 in. concrete paving 26,096 sq.yd. various streets. B. F. Walker, city engr. Noted Apr. 7.

Ia., Toledo — Apr. 26, at office Auditor Tama Co., clearing, grubbing, 208,000 cu. yd. excav., 121,500 sta.yd. overhaul, etc.

Ia., Ottumwa—Apr. 26 (extended date), by G. J. Mettlin, city clk., 6 in. concrete paving 13,000 sq.yd. various streets. Brown & Cook, 108 North Market St., engrs.

Minnesota—Apr. 28 (extended date), by State Hy. Comn., St. Paul, approximately 2,100,000 gal. road oil and tar on various roads. Eng. Dept. of Owners, engrs.

Minn., Shakopee—May 3, by A. J. Meyer, aud. Scott Co. (Forest), grading, etc. approximately 111,000 cu.yd. Job 2704, State Aid Rd. 26 from Union Hill west. $28,000.

Kan., Erie—Apr. 29, by L. R. Stanley, clk Neosho Co., grading, chats surfacing, etc., 7 mi. Kimball Rd.; and 15 mi. Chanute and Stark Rds. C. P. McDonald, Court House, engr.

Kan Everest—City Clerk taking bids grading, curbing and paving 13,000 sq.yd. various streets. Bruce & Grupe, 710 Bankers Reserve Life Bldg., Omaha, Neb., engrs.

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Kan., Fredonia—May 3, by Clerk Wilson Co., improving 6.882 mi. Federal Aid Project 373-A, 36,965 cu.yd. excav., 49,370 ft. hedge, 52,330 lb. reinforcing, 280 ft. corrugated metal pipe, 14,540 cu.yd. graveling, etc. E. C. Baity, Fredonia, co. engr.

Kan., Olathe—May 6, by Clerk Johnson Co., improving 3.908 mi. Federal Aid Project 293-B, 24,181 cu.yd. excav., 17,573 ft. hedge, 160 ft. guard fence, 21,238 lb. reinforcing, etc.; 5.948 mi. Federal Aid Project 246-F, 57,540 cu.yd. excav., 63,611 sq.yd. concrete paving, 16,514 ft. hedge, 6,370 ft. guard fence, 48,400 lb. reinforcing, etc.; 4.508 mi. Federal Aid Project 360-A, 23,113 cu.yd. excav., 48,416 sq.yd. concrete or vitr. brick, 19,817 ft. hedge, 960 ft. guard fence, 24,986 lb. reinforcing, etc.; and 2.977 mi Federal Aid Project 315-D 107,892 cu. yd. excav., 5,990 ft. guard fence, 63,840 lb. reinforcing, etc. S. P. Eberhardt, Olathe, co. engr. Noted Feb. 17.

Nebraska—Apr. 27, by State Hy. Comn., Lincoln, sand graveling, etc. 54,600 sq.yd. Project 116-B, and 48,000 sq.yd. Project 255-A, Nemaha Co.; 136,600 sq.yd. Project 156-B, Hamilton Co.; 100,500 sq.yd. Project 122-C, Gage Co.; 94,500 sq.yd. Project 50-A, Merrick Co.; 18,100 sq.yd. Project 123, Richardson Co.; 56,100 sq.yd. Project 143-G, Fillmore Co.; 161,900 sq.yd. Project 175-B, and 182,700 sq.yd. Project 175-A, Lancaster Co.; 64,000 sq.yd. Project 256-A, Cass Co.; 123,000 sq.yd. Project 205-A, Webster Co.; and 87,100 sq.yd. Project 255-B, Johnson Co. R. L. Cochran, Lincoln, highway engr.

Nebraska—Apr. 28, by State Hy. Comn., Lincoln, sand graveling, etc. 74,000 sq.yd. Project 34-A, 47,000 sq.yd. Project 34-B, and 87,000 sq.yd. Project 34-C, Garfield Co.; 41,000 sq.yd. Project 72-B, and 83,000 sq.yd. Project 72-C, Cedar Co.; 77,550 sq.yd. Project 2-A, and 98,560 sq.yd. Project 2-B, Kearney Co.; and 139,000 sq.yd. Project 57-A, Dixon Co. R. L. Cochran, Lincoln, highway engr.

Nebraska—Apr. 29, by State Hy. Comn., Lincoln, sand graveling, etc. 81,500 sq.yd. Project 146-A, Keith Co.; 148,000 sq.yd. Project 202-D, Cherry Co., and 105,200 sq.yd. Project 198-A, Box Butte Co.; also 4,080 ft. guard rail, 40 anchors, etc. on Project 63-A, Hayes Co. R. L. Cochran, Lincoln, highway engr.

Neb., Imperial—Apr. 29, by A. B. Grant, clerk Chase Co., sand graveling 129,000 sq. yd. Imperial-Lamar Project S-A 272-L.

Neb., Pierce — Apr. 28, by Clerk Pierce Co. sand graveling 181,800 sq.yd. Plainview-Osmond Project 268-A.

Missouri—Apr. 29, by State Hy. Comn., Jefferson City, grading and 18 ft. concrete paving 6.464 mi. Route 1 East-Plattsburg Rd., Clinton Co. and 0.581 mi. road at Lexington, Lafayette Co.; grading and 9 ft. concrete paving 3.654 mi. Jamesport-Gallatin Rd., Daviess Co.; 30 ft. grading 0.47 road at Gentry, Gentry Co.; and 18 ft. graveling 0.176 mi. road at Dixon, Pulaski Co. T. H. Cutler, ch. engr.

Washington—May 3, by State Hy. Comn., Olympia, grading, etc. approximately 51,400 cu.yd. State Rd. 10, Okanogan Co.; crushed rock surfacing, etc. 4,000 cu.yd. State Rd. 3, and 13,600 cu.yd. State Rd. 11, Spokane Co.; crushed graveling, etc. 23,000 cu.yd. State Rd. 3, Ferry Co.; concrete paving, etc. approximately 80,000 sq.yd. State Rd. 2, King Co. and 33,000 sq.yd. State Rd. 1, Snohomish Co.; also constructing 5 concrete box culverts on State Rd. 2, King Co. J. W. Hoover, highway engr.

California—May 2, by State Hy. Dept., Sacramento, grading and crushed gravel or stone surfacing 14.9 mi. roadway between Orick and north boundary, Humboldt Co.; also grading and concrete paving 8.9 mi. roadway between Livermore and Dublin, Alameda Co. R. M. Morton, Strub Bldg., Sacramento, engr. Noted Feb. 17.

Calif., Dunsmuir—E. G. Hawkins, city clk., taking bids curbing, walks and Willite paving, etc. portions Branstetter, Vernie and Castle Sts., etc. To exceed $25,000.

Calif., Fairfield—May 2, by Suprvs. Solano Co., subgrading and rock surfacing 2,250 cu.yd. Sonoma St. extension near Vallejo. F. A. Steiger, Fairfield, co. surv.

Calif., Martinez — May 2, by Supervs. Contra Costa Co., asphaltic macadam paving, etc. 254,440 sq.ft. Tunnel Highway. R. R. Arnold, Martinez, co. surv.

Calif., Los Angeles—May 2, by Supervs. Los Angeles Co., 3 in. asphaltic concrete on 4 in. waterbound macadam paving, etc. portions Passon Blvd. To exceed $25,000. G. W. Jones, Hall of Records, engr.

Calif., San Bernardino—Supervs. San Bernardino Co. taking bids approximately 2 mi. asphaltic concrete paving and constructing 2 small bridges, etc., on Ramona and Chino Aves. H. L. Way, San Bernardino, co. surv. Noted Mar. 3.

Calif., San Luis Obispo—J. G. [illegible], clk., San Luis Obispo Co., taking bids grading, Warrenite bitulithic on 2½ in. asphalt paving $15,000 sq.ft., etc. various streets in Morro Beach Section. C. C. Kennedy, Call Bldg., San Francisco, engr. Noted Apr. 14.

Calif., Stockton—Clerk San Joaquin Co. taking bids grading and graveling Hickey Rd., 5,100 tons 2½ in. base, and 3,300 tons 1½ in. surface. F. E. Smith, Stockton, co. surv.

Calif., Tehachapi—Town Trustees taking bids 70,620 sq.ft. concrete walks and 6,840 sq.ft. concrete driveways on various streets. J. T. Carnahan, 1824 K St., Bakersfield, engr.

Calif., Ventura — May 3, by Supervs. Ventura Co., grading, etc., 33,880 cu.yd. portions Yerba Buena Rd. W. W. Petit, Ventura, co. surv.

Ont., Bradford—Apr. 27, by W. A. Spellman, engr., 698 King St. W., Kitchener, or G. A. Green, city clk., bituminous concrete or asphaltic macadam paving 4,600 sq.yd. Main St. $30,000.

Contracts Awarded

Massachusetts—Dept. Pub. Wks., Boston, bituminous macadam paving 5,194 ft. highway in Needham, to Reynolds Bros. Inc., 179 Summer St., Boston, $37,313; and 3,053 ft. in Billerica, to J. A. Gaffey & Son, 19 Curtis St., Medford, Mass., $17,210. Noted Apr. 14.

Mass., Somerset—Water Supply Comn., distributing system, Sect. 7, to H. W. Golden, Inc., Burdette Ave., Troy, N. Y., $38,019. Noted Feb. 24.

Conn., Middletown—Bd. Pub. Wks., 7 in. rein.-con. paving, etc. Washington, North Main and Stack Sts., to A. Brazos & Co., 66 Oak St. Engrs. est. $35,000. Noted Mar. 24.

Conn., New Haven—Bituminous macadam paving Redfield St., to D. V. Frione & Co., 105 Ward St., $3,744; and asphalt or amiesite paving Sherman Ave., to C. W. Blakeslee & Sons, 58 Waverly St., $36,135. Engrs. est. $35,000. Noted Apr. 7.

New York—A. W. Brandt, comr. Highways, Albany, reconstructing Repair Contr. 3163, Highway 1362, Vanhornesville-Starkville Highway, Herkimer Co., to O. P. Williams, Oneonta, $14,414; 2.46 mi. Repair Contr. 1574, Highway 296, Mohawk River Rd.-Marcy Highway, Oneida Co., to Hogeboom & Campfield, Inc., Kingston, $106,373; 7.72 mi. Repair Contr. 1572, Highway 181, Watertown-Sacketts Harbor-Henderson Highway 235, Parts 1 and 2, 1131 Sacketts Harbor, Jefferson Co., to M. C. Soper, Seneca Falls, $304,322; 2.23 mi. Repair Contr. 1577, Highway 634, Buffalo Rd., Part 5, 1095 Churchville-Bergen Highway, Monroe and Genesee Counties, to Ingersoll & Barheit, Medina, $90,758; 9.34 mi. Highway 5704-A, Blue Mt. Lake-Indian Lake Rd., Parts 1 and 2, Hamilton Co., to Brison Constr. Co., Indian Lake $186,154; 1.93 mi. Repair Contr. 3164, Highway 5103, Stottville-Stuyvesant Falls Rd., Columbia Co., to J. R. McAllister, Lee, Mass., $88,208; 2.73 mi. Highway 1748, Reynolds Corners-Fort Edward Rd., Saratoga Co., to Koetteritz & Blakeslee, Little Falls, $119,644. Grand total $909,873. Noted Mar. 24.

N. Y., Bronxville—Westchester Co. Park Comn., 72 Pondfield Rd., grading and paving 2,750 ft. driveway through Tibbetts Brook Park from Midland Ave. to point 600 ft. east of railroad, to Standard Bitulithic Co., 50 Church St., New York City, $40,473. Noted Mar. 3.

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., repaving Madison Ave. and Bway., to W. J. Fitzgerald, 547 West 45th St., $25,819 and $43,891 respectively; Marginal St. and sidewalks on various streets during year 1927, to J. Meehan & Son, 90 West St., $9,899 and $35,697 respectively; also sidewalks on various streets during 1927, to Valatia Constr. Co., 15 East 40th St., $5,200. Grand total $120,506. Noted Apr. 14.

N. Y., Scarsdale—Westchester Co. Park Comn., 72 Pondfield Rd., Bronxville, grading and paving Bronx River Parkway, etc., here, to Standard Bitulithic Co., 50 Church St., New York City, $30,880. Noted Mar. 24.

N. J., Bellmar (mail Mount Ephraim)—Boro Council grading, curbing, guttering and sidewalks on various streets, to F. B. Sweeten, 430 Benson St., Camden, $51,948.

N. J., Newark—T. L. Raymond, dir. Pub. Affairs, City Hall, to J. B. Gilligan-Casey Co., 972 Broad St., grading, curbing, and sheet asphalt paving Colleen St. $8,021, Stecher St. $16,207, to Doriety Contg. Co., 168 Ridge St., Grand Ave. $8,988; to Standard Bitulithic Co., foot Brill St. ,15th Ave. $5,159, Crown St. $5,797, Delavan

Streets and Roads (Continued)

Ave. $8,157, and Clifton Ave. $8,603. Grand total $60,932.

Pennsylvania—State Hy. Dept., Harrisburg. (**A. means Application and R. means Route**), rein.-con. paving 37,074 sq.yd. R. 471, A. 4164, Northampton Co., to W. Eisenberg, Camden, N. J., $135,800, 24,264 sq.yd. A. 4101, Warren Co., to F. L. White, Warren, $95,691, 55,644 sq.yd. A. 4473 and 4474 Northampton Co., to J. M. Hutchinson, Greenwood St., Altoona, $192,513, 8,250 sq.yd. A. 4233, Blair Co., to L. A. Brua, Hollidaysburg, $28,749, 14,050 sq. yd. A. 4425, Berks Co., to M. Staub, Reading, $74,137, and 35,320 sq.yd. R. 518, Sect. 1, A. 3952, Berks Co., to Field Barker & Underwood, Commercial Trust Bldg., Phila., $178,148; also grading 850 ft. R. 148, Berks Co., to W. H. Murphy & Sons, Harrisburg, $8,817. Grand total $534,707. Noted Feb. 17 and Mar. 10.

Pa., Phila.—Dept. Pub. Wks., Bureau of Highways, to S. C. Ratzell, Limekiln Pike and Haines Sts., grading Alma and Loretta Sts. $9,388, Borbeck Chandler and Lansing Sts. $6,110, to Duffin Bros., Penn and Womrath Sts., Anchor, Carver, Foust, Scattergood and Tulip Sts. $11,807, Hoffnagle, Solly and Stavewood Sts. $11,906, to Curtis Bros., State and Unruh Rds., Ditman, Emerson and Hegerman Sts. $8,075, to Morrissey Bros., 4336 North Marshall St., Godfrey, Medary and 17th Sts. $19,075, to Root Bros., Ridge Ave. and Righter St., Indiana Queen Lane $11,896, to McCarrick Bros., 3240 Fox St., Louden, Tampa and Whitaker Sts. $20,149, and to T. V. Monaghan, Water and Clarkson Sts., Tulip St. $1,017; to Union Paving Co., 123 South 23rd St., asphalt paving (assessment work) Aramingo St. $20,513, Camac, Champlost and Godfrey Sts., $36,395, Champlost, Lawrence, Masher, Widener and 4th Sts. $29,367, Loretta St. $11,874, Wyncote St. $22,305, Hillside vitr. block paving (assessment work) Silverwood St. $6,886 Thompson St. $13,649, redressed granite block repaving Catherine St. $24,-297, and furnishing asphalt paving mixtures $57,750; to Barber Asphalt Co., 239 North 30th St., asphalt paving (assessment work) Beulah, Darien and 8th Sts. $10,316, Franklin, 9th, Percy and Hutchinson Sts. $12,122, Haddington St. $8,089, Upland Way $36,463, 65th Ave. $6,085, 68th and 69th Sts. $11,083, Dover, Newkirk and Stewart Sts. $2,813, Ellsworth, Percy and Reese Sts. $9,725, Harmony St. $9,048 and Hunting Park Ave. $24,126 to Eastern Asphalt Co., Penna Bldg., asphalt paving C St. $11,032, Grange St. $9,654, M St. $7,372, Mower St. $7,229, Musgrave, Price and Stoker Sts. $13,788, and Hunting Park Ave. $29,604; to Mazzola & Marino, 739 South 7th St., redressed granite block paving Roxborough St. $3,756; to J. Salvucci, 512 North 65th St., redressed granite block repaving Alter St. $3,751, to United Paving Co., Widener Bldg., Davis St. $4,046, Fairmount St. $2,626, and improving 59th (country) Rd. $1,970; to C. G. Centrone, Bailey Bldg., redressed granite block repaving Ranstead St. $3,106, to F. A. Caruso & Son, 804 South 12th St., 11th St. $14,113; to Good Roads Equipment Corp., City Center Bldg., furnishing dryers for asphalt plant, $5,050; to M. and J. B. McHugh, 892 North Markoe St., reconstructing Baltimore Avenue Bridge over Cobbs Creek $18,981; to Mundy Paving & Constr. Co., 226 South Warnock St., painting Hunting Park Avenue Bridge over Port Richmond Branch Reading R.R. tracks, $3,280; to West Jersey Sand & Supply Corp., Delaware Ave. and Marlborough St.., furnishing mixed concrete, $4,275 to Atlantic Refining Co., 260 South Broad St., fuel oil for mosquito elimination, $3,500; to Lee T. Ward Co., 617 Filbert St., furnishing centrifugal pumping outfit, $750. Grand total $641,112. Noted Mar. 31.

Pa., Uniontown—E. Huston, controller Fayette Co., Court House, concrete paving 5,046 ft. Redstone Church Rd., to P. De Rienzo, Fayette City, $28,557; stone surfacing 16,883 ft. High House-Woodside Project, and 10,818 ft. Hopwood-Fairchance Rd., to Georges Constr. Co., Uniontown, $130,691 and $81,507 respectively, also 1,606 ft. Brownsville River Rd., to Petriena Bros., South Brownsville, $29,049. Grand total $269,804. Noted Mar. 31.

Md., Baltimore—Bd. Awards, sheet asphalt paving 10,840 sq.yd. streets listed Contr. 390, to Amer. Paving Co., Montebello Ave., $31,221. Noted Mar. 24.

Florida—State Rd. Dept., Tallahassee, paving Project 41-B, Dade Co., to J. Bitteridge, 1960 Northwest 24th Court, Miami, $30,753; also Project 698, Leon Co., and Project 699, Jefferson Co., to Peaterson & Earnhart, Havana, $31,612 and $24,-947 respectively.

La., New Orleans—Dept. Pub. Property, Engineering Div., improving St. Marks Court, Harding Dr., Delgado Ave., Baronne, Brainard, Cohn, D'Abadie, Dublin, Freret, Galvez, Johnson, Leonidas, Miro North, Orange, Philip, Pine, Rendon, Roman, Spruce, St. Philip, Royal and Upperline Sts., subsurfacing to A. P. Boh & Co., 417 Barrone St., to M. Mitchell & Sons, Grasser Contg. Co., Canal-Commercial Bldg., H. W. Bond & Bro., Fresh & Oliveira, Mooney & Chisolm, and M. J. Flynn, footwalks, to M. Mitchell & Sons, H. W. Bond & Bros., Globe Constr. Co., Louisiana Bldg., A. P. Boh & Co., M. J. Flynn, and W. H. Williams, 816 Howard Ave., Uvalde paving to Southern Uvalde Co., Carondelet Bldg. refined trinidad and warrenite paving to Craven & Lang, 2500 Poydras St., small granite block paving, to Globe Constr. Co., Louisiana Bldg., cascemco paving, to M. Mitchell & Sons.; Uvalde paving to W. H. Williams, 816 Howard Ave., and Uvalde resurfacing St. Charles Ave., to Southern Uvalde Co., Carondelet Bldg.; also temporary surfacing Audubon, Bdway., Catina, Clara, Edinburgh, Gallier, General Odgen, and Pine Sts., to Globe Constr. Co., Louisiana Bldg., and to A. H. Alvis. Total $1,451,817.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, to Gifford-Hill Co., Dallas, Tex., improving Project 5-A, Obion Co., $45,609; to Billiter & Oliver, Cincinnati, Project 55-A, Anderson Co. $234,559, Project 82, Anderson Co. $201,447, and Project 324-A, Hamblen Co. $245,180; to J. F. Feigel & Co., Evansville, Ind., Project 58-A, Bradley Co., $258,820; to W. J. Johnson & Sons, Manchester, Project 93, Rutherford Co., $49,880; to Pitts Bros., Mt. Pleasant, Project 121-B, Humphreys Co., $21,689; to R. A. Scott, Selmer, Project 140-D, Meigs Co., $19,598; to W. H. Pattie, 1566 North 23rd St., Birmingham, Ala., Projects 150 and 151-B, Coffie Co., $176,-202; to Reynolds Constr. Co., White Plains, Project 176-C, Hawkins Co., $13,266; to Gamble Constr. Co., Chattanooga, Project 197, Hamilton Co., $49,979; to McQuarry Bros., Adams, Project 308-B, Montgomery Co., $28,855; to M. T. McArthur, Johnson City, Project 324-B, Hawkins Co., $26,368; to Paco Constr. Co., Roanoke, Va., Project 342-B, Houston Co., $70,709, to Finnell & Toothaker, Tuscaloosa, Ala., Project 349-A, McNairy Co. $78,764, and Project 349-B and C, McNairy and Chester Counties $58,878; to F. V. Ragsdale & Co., Scimeter Bldg., Memphis, Project 349-A, B and C, McNairy and Chester Counties, $27,-879; and to F. G. Hill & Co., Martin Project 351-A, Weakley Co., $82,990. Grand total $1,690,672. Noted Mar. 10.

O., Akron—W. F. Peters, dir. Pub. Serv. (**e.e. means engrs. estimate**), grading, curbing, sidewalks and 3 in. brick paving 11,645 sq.yd. Pondview Ave. et al, and 1,890 sq.yd. Norka Ave., to Hollinger & Davidson, 435 South Bway., $78,922 and $11,195 respectively e.e. $93,700 and $12,-900 respectively; grading, curbing, sidewalks and Trinidad asphalt paving 5,510 sq.yd. Bellow St. and 2,385 sq.yd. Hammel St., to Columbus Asphalt Paving Co., 304 Buckeye Bldg., $34,706 and $12,717 respectively e.e. $40,500 and $15,600 respectively; grading, curbing, sidewalks and Texaco asphalt paving 5,140 sq.yd. McGowan St. et al, and rein.-con. paving 3,880 sq.yd. Buckingham St. et al, to T. E. McShaffrey Constr. Co., 173 South Forge St., $31,467 and $29,391 respectively e.e. $37,600 and $34,900 respectively. Grand total $198,398. Noted Mar. 3.

O., Cleveland—Grading and paving with **(a)** brick **(b)** asphalt **(1)** South Hills Dr. **(2)** West 24th St. **(3)** West 47th St. **(4)** East 162nd St. **(5)** Glen Ave. **(6)** East 188th St. **(7)** Ira Ave. **(8)** East 126th St. **(9)** East 132nd St. **(10)** West 157th St. **(11)** East 160th St. and **(12)** East 147th St., to Baldwin Bros., 4500 Euclid Ave. **(a1)** $16,237, to Roehl Bros., 7002 Denison Ave. **(b2)** $3,610 and **(b3)** $6,540; to Gould & Mayback, 16311 Saranec Rd. **(b4)** $21,-398; to H. G. Herring, Wayside Rd. **(b5)** $10,602 **(b6)** $15,941; to Cleveland Trinidad Paving Co., The Arcade **(a7)** $44,350 **(a8)** $9,047 **(b9)** $6,973 **(b10)** $27,418 **(a11)** $6,277 and **(b12)** $11,980. Grand total, $180,373. Noted Mar. 24.

O., Cleveland Heights (Warrensville P. O.)—Curbing brick and asphalt paving, etc. Selwyn, Oakhill, Leconca, Helmsdale, Glynn and Edison Rds., to Rieley Bros. The Arcade, $78,780. Noted Mar. 10.

O., Dayton — Comrs. Montgomery Co., Court House, rein.-con. paving, etc. Westwood Ave., and vibrolithic concrete paving, etc. Siebenthaler Ave., to W. S. Little, 1209 Everett Dr., $63,085 and $43,329 respectively; sheet asphalt paving, etc. Riverview Ave., to Hoolihan & Wangler, 1414 West Riverview Ave., $10,758, brick on concrete paving, etc. North Main St., to Eldorado Paving Co., Eldorado $23,608, and Irving Ave., to Republic Asphalt Paving Co., 832 South Ludlow St., $62,950; vibrolithic concrete paving Hillcrest Ave., to J. I. Geiger, 28 Maple St. $37,430, Riverside Dr., to C. Crampton, R.R. 7, $101,577 and Upper Main St., to J. W. Weeks, Gibbens Arcade $42,902; rein.-con. paving, etc. Avondale Dr., to V. Wroe, 503 Grafton Ave. $12,040, Dixie Rd., to Wright Bros., Ludlow Bldg. $1,338, and Overlook Ave., to H. E. Barney, 1233 Huffman Ave. $46,690. Grand total $445,707. Noted Mar. 31.

O., University Heights (br. Cleveland)—To Cleveland Trinidad Paving Co., The Arcade, Cleveland, curbing, guttering and asphalt paving, etc. Traymore Ave. $20,402, Fenwick Ave. $16,494, and Edgerton Rd. $17,313; to Bentley Bros., Hanna Bldg., Cleveland, Eardley Rd. $7,018, Dysart Rd. $4,788, Channing Rd. $6,024, Charney Rd. $17,850, Bethany Rd. $7,685, Saybrook Rd. $18,231, Greenville Rd. $13,117, and Faversham Rd. $18,407. Grand total $147,329.

Indiana—State Hy. Comn., Indianapolis, (**F.A.P. means Federal Aid Project, and S.R. means state road**), concrete paving 8.756 mi. Valparaiso-Plymouth Rd., F.A.P. 77, S.R. 30, Sect. D Starke Co., to Highway Impvt. Co., 346 Associates Bldg., South Bend, $170,127; 13.843 mi. Bourbon-Warsaw Rd., F.A.P. 66, S.R. 30, Sects. B and C, Kosciusko and Marshall Counties, and 10.106 mi. Plymouth-Warsaw Rd., F.A.P. 66, same road Sect. A, Marshall Co., to Roger Daoust, Defiance, O., $254,608 and $172,406 respectively 7.779 mi. Valparaiso-Plymouth Rd., F.A.P. 77, same road Sect. E Marshall Co., to McAfee & Smith, Bluffton, $147,962; 3.991 mi. Schneider-Belshaw Rd., State Project 501, S.R. 41, Sect. D, Lake Co., to Ulrich & Adams, Clinton, $76,-729. Grand total $821,832. Noted Feb. 24.

Ill., Chicago—Bd. Local Impvts., Room 207, City Hall, grading, curbing, guttering, asphalt on 6 in. concrete paving, etc., portion North McVicker Ave., to White Paving Co., 1735 Fullerton St.; and curbing, guttering, filling and 2 in. asphaltic concrete on 6 in. concrete paving portions Exchange Ave. and East 132nd St., to Amer. Asphalt Paving Co., 133 West Washington St.

Ill., Broadview (mail Bellwood)—For 6 and 8 in. mains, etc. in various streets, to Allied Contractors, Inc., Morrison Hotel, Chicago, $101,781.

Ill., Broadview (mail Bellwood) — Concrete paving various streets, to Allied Contractors, Inc., Morrison Hotel, Chicago, $148,482.

Ill., Peoria—Bd. Local Impvts., C. Barston, pres., grading, curbing and rein.-con. paving 3 blocks Nowland Ave., 30 ft., to E. Lehmann, West Nebraska Ave., $29,109. Engrs. est. $31,450. Noted Feb. 17.

Wisconsin—State Hy. Comn., J. R. McLean, div. engr., 1st Natl. Bank Bldg., Superior, grading, etc. 1.61 mi. Dresser Junction-St. Croix Falls Rd., Polk Co., to I. S. Ofstie, Menomonie, $18,255. Noted Mar. 24.

Wis., Janesville—C. E. Moore, highway comr. Rock Co., crushed rock surfacing, etc. 6,500 cu.yd. S. T. H. 61, to P. W. Ryan & Sons, Janesville, $10,010; gravel-ing, etc. 1,800 cu.yd. Turtle Creek Rd., and 2,100 cu.yd. Wyman Rd., Town of Bradford, to I. W. Wheeler, Clinton, $1,340 and $1,859 respectively, 1,500 cu.yd. Carvers Rd., Town of Bradford, to J. W. Lathers, Beloit $1,372, 1,200 cu.yd. Paddock Rd., to F. A. Carr, Beloit $12,520; and 4,700 cu.yd. Mosley Corners Rd., to Kennedy Bros., Footville $3,920. Grand total $31,-021. Noted Mar. 31.

Wis., Kenosha—State Hy. Comn., Office County Highway Comn., grading and concrete paving, etc. 8,800 sq.yd. State Project 2727, to W. E. Stone, Whitewater, $20,922; also 17,613 sq.yd. State Aid Project 2709, and 39,778 sq.yd. State Aid Project 2673, to Brennan-Bounsall, Kenosha, $48,969 and $86,916 respectively. Grand total $156,807. Noted Mar. 31.

Wis., La Crosse—State Hy. Comn., Court House, **(a)** grading **(b)** crushed stone surfacing **(1)** 13,989 cu.yd. Viroqua-Readstown-Richland Center Rd. and Sylvan-Readstown Rd., Projects 5869 and 9205 **(2)** 15,232 cu.yd. Viroqua-Readstown and Richland Center Rd., State Project 5869, Sect. 1 **(3)** Tomah-Millston Rd., Federal Aid Project 396-A, Monroe Co. **(4)** 7,822 cu.yd. Hillsboro-Ontario-Cashton Rd., Project 5981, Vernon Co., to Nelson, Mullen & Nelson, 355 Temple Court Bldg., Minneapolis, Minn. **(a1)** $38,374 **(a2)** $89,669 **(a3)** $118,720 **(a4)** $44,586; to E. J. Smith,

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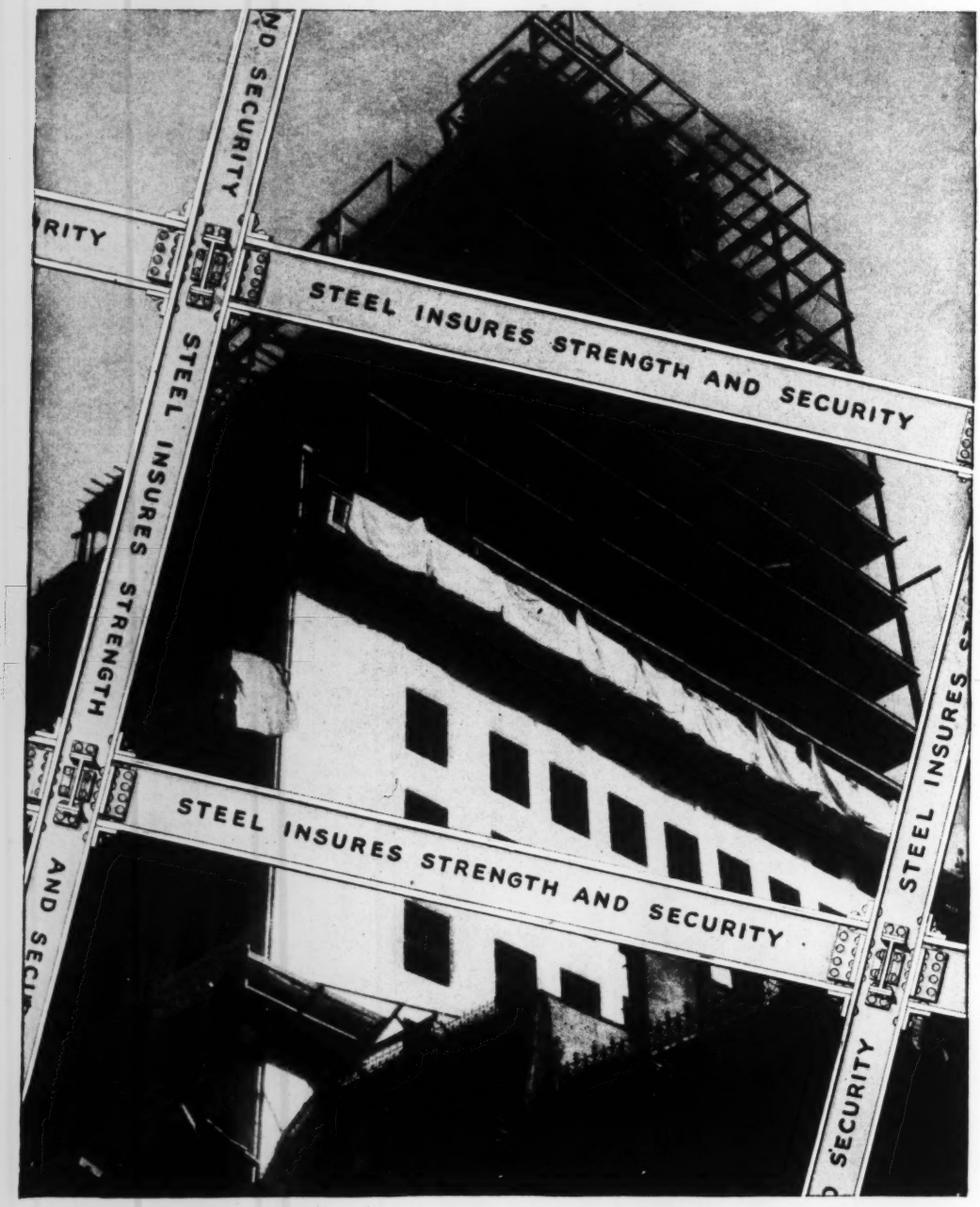

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Streets and Roads (Continued)

Elbe Monuds **(b1)** $33,713; to G. Fitton & Son, Madison **(b2)** $38,537; and to S. J. Groves & Sons Co., Minneapolis, Minn. **(b3)** $23,466; concrete surfacing 38,436 sq.yd. Black River Falls-Melrose Rd., Proj. 7884, Jackson Co., to P. J. Hoffman, Black River Falls, $135,058, and 14,796 sq.yd Mondovi-Alma Rd. S.T.H. 37, Buffalo Co., Project 5989 and Columbia, Glenn Aves., etc., to V. Carlson & Sons, Minneapolis, Minn., $68,206. Grand total $590,329. Noted Mar. 24.

Wis., Milwaukee—Central Bd. Purchases, J. W. Nicholson, ch. buyer, furnishing and applying 100,000 gal. special asphaltic road oil, to Western Oil & Fuel Co., at $0.88 per gal. 75,000 gal. bituminous road surface, to Amer. Tar Products Co., 68 Wisconsin St., at $12.49; and 300,000 gal. bituminous road binder, to Barrett Co., 200-30th St., $12.59.

Wis., Port Washington — State Hy. Comn., Office County Hy. Com., grading, concrete paving, etc. 59,328 sq.yd. Saukville-Plymouth Rd., State Project 2705, to Wilson Constr. Co., Appleton, $146,104. Noted Mar. 31.

Iowa—State Hy. Dept., Ames, **(F.A.P. means Federal Aid Project and C.P. means County Project)** improving F.A.P. 274, Butler Co., 4,437 cu.yd. gravel 1 mi. haul, 31,400 units overhaul, etc., to M. O. Weaver, Iowa Falls $3,957, P.P. 358-A and B, Clayton Co., 95,863 cu.yd. excav., 65,540 sta.yd. overhaul, 66,510 ft. culvert labor, etc. to Clark, Kearney & Stark, Central City $34,115, F.A.P. 145-B and E, Guthrie Co., 184,548 cu.yd. excav., 1,210 ft. culvert labor, 185,770 sta.yd. overhaul, etc., to J. A. Carlson, 525 North 33rd St., Omaha, Neb. $48,427, P.P. 467, Lee Co., 13,454 cu.yd. excav. to Longerbone Bros., 7 Marks Bldg., Des Moines $5,026, P.P. 476, Lucas Co., 58,291 cu.yd. excav., 14,580 sta.yd. overhaul, etc., to Ryan Bros., Missouri Valley $16,219, F.A.P. 260, Marion Co., 7,221 cu.yd. gravel 1 mi. haul, 89,147 units overhaul, etc., to McCoy & Nelson, Nevada, $9,976, P.P. 404, Warren Co., 108,488 cu.yd. excav., 2,400 units overhaul, etc., to G. W. Condon, Omaha, Neb. $16,254, P.P. 216-D, 32,285 cu.yd. excav., 360 ft. 15 and 18 in. culvert labor, etc., and P.P. 82-A, 15,801 cu.yd. excav., 9,400 sta.yd. overhaul, etc., both Worth Co., to L. Brown, Madison Lake, Minn. $8,614 and $4,174 respectively. P.P. 457, Woodbury and Cherokee Counties, 520 ft. 15 and 24 in. culvert pipe, to Klauer Mfg. Co., Dubuque, $578. Grand total $147,340. Noted Mar. 17.

Ia., Manchester—Delaware Co., to Foley Bros., Anamosa, improving roads, 80,880 cu.yd. earth excav. at $0.27 per cu.yd. 1,582 cu.yd. loose rock $1.25, and 2,331 cu.yd. solid rock $2, and 74,200 sta.yd. overhaul $0.02.

Ia., Mason City—Cerro Gordo Co., to H. F. Duffy, Mankato, Minn., improving roads, 73,430 cu.yd. earth excav. at $0.27 per cu.yd., 1,295 cu.yd. loose rock at $1.75, and 1,380 cu.yd. solid rock at $2.25, 1,647 ft. 12 and 18 in. culvert labor at $0.25. Noted Mar. 24.

Ia., Newton—R. W. Dodds, city clk., sheet asphalt paving 17,000 sq.yd. various streets, to J. S. McLaughlin Sons Co., Des Moines, at $2.64 per sq.yd. Noted Mar. 24.

Ia., Primghar—O'Brien Co., to C. W. McNamara, Sioux Falls, improving roads, 73,002 cu.yd. excav. $0.245 and $0.29 per cu.yd., and 544 ft. culvert labor $0.35. Noted Mar. 24.

Ia., Winterset—Madison Co., to F. Cram & Sons, 517-5th St., Des Moines, improving Federal Aid Projects 465 and 466, 35,479 cu.yd. crushed stone at $2.17 and $2.26 per cu.yd., 2,500 cu.yd. stripping at $0.35 and $0.50 per cu.yd., etc. Noted Mar. 10.

Kan., Leavenworth — Removing surface and asphaltic concrete repaving 4th St. from Elm to Shawnee Sts., to Land Constr. Co., Ballinger Bldg., St. Joseph, Mo., $30,743.

Minn., New Ulm—W. Becker, city clk., concrete paving 15,000 sq.yd. various streets, to Woodrich Constr. Co., 808 Metropolitan Life Bldg., Minneapolis, $138,998. Noted Mar. 24.

Kan., Lyons—Grading and 1 course concrete paving 11 blocks 2nd, Lyon, Washington Sts., etc., to M. R. Amerman, 246 North Market St., Wichita, at $1.90 per sq.yd.

Kan., Neodesha—Grading, curbing, brick paving, etc., 12,000 sq.yd. various streets, to J. S. Vance, Parsons.

Mo., Kansas City—For 2½ in. asphaltic concrete on 12 in. rolled rock paving, etc. Warwick Blvd. between Armour and 43rd Sts., to Gray Paving & Material Co., 1927 Vine St., at $3.64 per sq.yd. Engrs. est. to exceed $25,000.

Mo., Kansas City—Asphaltic concrete repaving 7,548 sq.yd. various streets, to Gray Paving & Material Co., 1927 Vine St., at $4.56 per sq. yd.; widening and 3 in. vitr. brick paving 37,213 sq.yd. Troots Ave., to Krammer Constr. Co., Kansas City, $3.23; and resurfacing approximately 30,000 sq.yd. Linwood Blvd., to Mussellman & Hall, 1018 Wyandotte St., $1.79.

Mo., Macon—W. A. Tibbs, city clk., City Hall, grading and concrete paving 7,500 sq.yd. Rubey St., to Hannibal Contg. Co., Hannibal, $19,925.

Ark., Fayetteville—Grading, curbing and concrete paving portion North College Ave., Paving Dist. 31, to Phoenix Constr. Co., Homer, La., at $2.17 per sq.yd. Engrs. est. approximately $25,000. Noted Jan. 6.

Ark., Searcy—Grading, concrete paving, etc., 40,000 sq.yd. in annex to original Dist. 6, to Penny & Baldwin, Ponca City. Noted Mar. 31.

Tex., Waxahachie — Hard paving 11 blocks various streets, to L. E. Whitham & Co., Wichita Falls, $33,000.

Okla., Cushing — Grading, curbing and concrete paving 11 blocks Cherry, Highland, Maple, 2nd and Wilson Sts., Paving Dist. 66, to T. Collins, Cushing, $25,000.

Okla., Crescent — Grading, curbing and sheet asphalt paving 5,775 sq.yd. in Dist. 2, to Ward-Beekman & Brooks, 1801 East 9th St., Oklahoma City, $27,460. Engrs. est. $29,377.

Okla., Oklahoma City—Grading, curbing and sheet asphalt paving 6,300 sq.yd. 20th St., to Western Paving Co., Tradesmens Bldg., $34,258. Engrs. est. $35,000.

Okla., Okmulgee—Grading and concrete paving 6,110 sq.yd. 16th St., to E. H. Locker, Amer. Bank Bldg., $24,870. Engrs. est. $27,200. Noted Feb. 3.

Idaho—Commissioner Pub. Wks., Boise, grading and crushed rock or gravel surfacing, etc., 9,000 cu.yd. Old Oregon Trail, Federal Aid Project 105-A, Washington Co., to Quinn Bros. & Robbins, Horseshoe Bend, $46,005. Engrs. est. $56,229.

Wash., Seattle—Bd. Pub. Wks., concrete sidewalks on 35th Ave. S.W., to Fiorito Bros., 3950-6th St. N.W., $39,221.

Wash., Tacoma—City Comrs. grading and sidewalks on South Monroe St. between Center and Gunnison Sts., etc., to McHugh & Johnson, Tacoma, $45,776. Engrs. est. $56,675.

Oregon—State Hy. Comn., Court House, Portland, grading 6.39 mi. Salmon River—Grande Ronde Rd., Polk Co., to O. D. Wolfe, 1619 Denver Ave., Portland $80,448, and 4.36 mi. Rockaway-Garibaldi Sect. Roosevelt Highway, Tillamook Co., to G. F. Atkinson, Chamber of Commerce Bldg., Portland $134,492; maintaining Medford Prospect Sect. Jackson Highway, to J. Hampshire, Grants Pass $62,543, Parkdale Sect. Mt. Hood Highway, to Doggett & Cooper, Parkdale $28,865, and LaGrande Minam Sect. La Grande-Wallown Lake Highway, Union Co., to Joslin & McAllister, Builders Exch. Bldg., Spokane, Wash. $65,460. Grand total $371,808.

Calif., Huntington Park—To Los Angeles Paving Co., 3200 East Vernon Ave., improving Boyle Ave. and Regent St., 6,507 ft. curbing at $0.23 per ft., 12,369 sq.ft. guttering $0.27 per sq.ft., 24,583 sq.ft. walks $0.14, and 405,331 sq.ft. 8 in. asphaltic concrete paving $0.23, etc.

Calif., Los Angeles—Los Angeles Co., curbing, guttering, walks and grading 11,212 cu.yd. Michigan Ave., Impvt. 374, to P. L. Lopez, 1204 Porter St., San Fernando, $25,812. Noted Apr. 21.

Calif., Salinas — Concrete paving, etc. Capitol St., to W. A. Dontanville, approximately $30,545. Noted Feb. 17.

Calif., San Diego — Common Council, grading, curbing and concrete paving Cass and Bayard Sts., etc., to E. P. Ford, 4,200 Highland Ave., East San Diego, $155,184. Noted Mar. 17.

Calif., Santa Ana—City Trustees, 8 in. concrete paving, etc. 324,530 sq.ft. South Main St., to Griffith Co., Railway Bldg., Los Angeles, approximately $127,712. Noted Apr. 7.

Calif., Santa Ana—Curbing, walks and 6 in. asphaltic concrete paving, etc. 104,954 sq.ft. Fruit St., etc., to S. Finley, 204 East 4th St., approximately $25,500. Noted Mar. 3.

Buildings—Commercial

Proposed Work

Me., Bangor—OFFICE—Estate of J. Sassidy, 101 Broad St., plans 4 or more story office building, Columbia St. To exceed $150,000. Crowell & Lancaster, Exch. Bldg., archts.

Mass., Belmont — HOSPITAL — State, Dept. Mental Diseases, State House, Boston, plans hospital, here. $1,500,000. Engineer and architect not selected.

Mass., Cambridge (br. Boston)—HOTEL and STORE—F. W. McLeer & Co., 1374 Mass. Ave., having plans prepared by Ashton, Huntress & Alter, 477 Essex St., Lawrence, 6 story and basement, brick, plain foundation, Mt. Auburn and Dunster Sts. To exceed $150,000. Noted Sept. 2.

Mass., Dedham—STORE and APARTMENT—B. Paternaude, 574 High St., having plans prepared by C. Loring, 7 Water St., Boston, 3 story and basement, brick and stone, plain foundation, High St. $150,000.

Mass., Haverhill—CITY HALL—City having revised plans prepared by J. A. Perkins, 45 North St., 30 x 100 ft., brick and stone addition, Lincoln St. $150,000. Former bids rejected. Noted Mar. 31.

Mass., Lynn—BUSINESS—A. Levy, 118 Central Ave., having preliminary plans prepared by C. A. Cornet, 10 Central Ave., 3 or more story and basement, probably brick and stone, Liberty and Sutton Sts. Archts. est. $150,000.

Mass., Lynn—STORE and OFFICE—H. Goodman, 56 Central Ave., plans 3 story and basement, brick, plain foundation, State and Market Sts. $150,000. Engineer and architect not selected.

Mass., Quincy (br. Boston)—APARTMENT and STORE—A. E. Walker, c/o R. B. Whitten, archt., 101 Tremont St., Boston, having revised plans prepared 4 story and basement, 55 x 110 ft., brick and stone, plain foundation, Beale St., Wollaston Dist., here. $150,000. Former bids rejected. Noted Mar. 24.

Conn., Danbury — THEATRE — C. D. Parks & W. Mercier, 28 Deer Hill Ave., plans brick and steel, 2,000 seating capacity, Main St. $300,000.

Conn., Hartford—STATE—State, c/o F. M. Salmon, comptroller, State House, plans brick and steel additional building or buildings to house motor vehicle and highway departments. To exceed $150,000. Engineer and architect not selected.

N. Y., Hartsdale—MAUSOLEUM—A. W. Brunner, archt., 101 Park Ave., New York City, preparing plans and takes bids about May 1, 3 story, rein.-con. and stone, here, for Ferncliff Cemetery Assn., 366 Madison Ave., New York City. $3,000,000. Noted Oct. 7.

N. Y., New York—BANK and OFFICE—E. J. Busher, 551 Courtland Ave., takes bids about Apr. 27, 10 story and basement, rein.-con., brick and steel, plain foundation, 149th St. and Courtland St. $800,000. Starrett & Van Vleck, 393 7th Ave., archts., Natl. City Bank, having plans prepared by same architect, 1st floor, $100,000.

N. Y., New York—CLUB—New York Athletic Club, 58 West 59th St., having revised plans prepared by York & Sawyer, 100 East 42nd St., 20 story and basement, 100 x 200 ft., brick, steel and stone, plain foundation, 7th Ave. from 58th to 59th Sts. $4,800,000. Noted Dec. 2.

N. Y., New York—COURT HOUSE—J. Miller, pres. Manhattan Boro, Municipal Bldg., having plans prepared by Starrett & Van Vleck, engrs. and archts., 393 7th Ave., altering and constructing additions to court house, 264 Madison St. $200,000.

N. Y., New York—OFFICE—New York Edison Co., N. F. Brady, pres., 130 East 15th St., having plans prepared by W. Whitehill, 709 6th Ave., 6 story and basement, 25 x 90 ft., rein.-con., brick and steel, concrete foundation, 236 West 72nd St. $250,000. Janos & Baum, 116 West 39th St., engrs.

N. Y., New York—STORE—A. De Pinna Co., Inc., L. S. De Pinna, pres., 626 5th Ave., having plans prepared by Starrett & Van Vleck, 393 7th Ave., 10 story and basement, rein.-con., brick and steel. plain foundation, 52nd St. and 5th Ave. $1,000,000.

N. J., East Orange—APARTMENT—M. and M. Constr. Co., c/o N. Harris, archt., 20 Branford Pl., Newark, having plans prepared 4 story, brick, plain foundation, 191 Main St., here. $150,000.

N. J., East Orange—APARTMENT—J. H. Mayzel, 70 Heddon Terrace, having revised plans prepared by E. V. Warren, 31 Warren St., Newark, 10 story, brick and steel, plain foundation, 91 Washington St. $500,000.

N. J., East Orange — APARTMENT — Thirty-Nine Prospect Street Corp., 790 Broad St., Newark; having plans prepared by J. B. Peterkin, 285 Madison Ave., New

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Buildings—Commercial (Continued)

York City, 10 story, brick, and steel, plain foundation, 35-43 Prospect St., here. $1,000,000.

N. J., Elizabeth — HOTEL — Elizabeth Chamber of Commerce Hotel Co., 215 Broad St., takes bids about Apr. 21, general contract 10 story and basement, 100 x 175 ft. rein.-con., brick and steel, concrete pile foundation, North Broad St. $450,000. W. L. Stoddart, 50 East 41st St., New York City, archt. and engr. Noted Feb. 24.

N. J., Little Falls—THEATRE, STORE and OFFICE—Little Falls Theatre, 10 East 43rd St., New York City, having plans prepared by J. Decker, 14 Northfield Ave., West Orange, 2 story, 85 x 155 ft., brick and steel, plain foundation, here. $150,000.

N. J., Newark — APARTMENT — J. Niemseck, c/o Nadel & Fort, archts., 32 Hill St., having plans prepared 4 story, brick, 405 Osborne Terrace. $150,000.

N. J., Newark — EXCHANGE and OFFICE—New York Telephone Co., 140 West St., New York City, having preliminary plans prepared by McKenzie, Voorhees & Gmelin, 342 Madison Ave., New York City, 20 story and basement, rein.-con., brick and steel, plain foundation, 540 Broad St., here. $3,000,000.

N. J., Orange — HOSPITAL — Orange Memorial Hospital, Essex St., having preliminary plans prepared by Crow, Lewis & Wick, 200 5th Ave., New York City, brick and steel addition, plain foundation, Essex and Henry Sts. $2,000,000.

N. J., Palisades Park—APARTMENTS—Dogali & Torronna, c/o E. L. Wood, archt., Englewood Cliffs, having plans prepared two 4 story, brick, plain foundations, Henry St., here. $150,000.

N. J., Red Bank—APARTMENT—Twin Gables Realty Co., c/o L. Kasoff, archt., 164 Market St., Newark, having plans prepared 4 story, brick, plain foundation, Riverside Ave., here. $150,000.

N. J., Summit—APARTMENTS—Lerb & Dashefsky, c/o L. Kasoff, archt., 164 Market St., Newark, having plans prepared two 3 story brick apartments, plain foundation, Summitt Ave. $300,000.

Pa., Jeannette—THEATRE—J. S. Kirias, 605 Clay St., having plans prepared by C. H. Shorber, 1st Natl. Bank Bldg., Greensburg, 1 story and basement, 60 x 120 ft., terra cotta, brick and steel, Clay St. $150,000.

Pa., Phila.—BANK—Natl. Bank of Olney, 5604 North 5th St., having plans prepared by Simon, Brittain & English, 929 Chestnut St., 16 story, mezzanine and basement, 32 x 100 ft. bank building.

Pa., Phila.—STORE—Jackson & Moyer, Inc., c/o W. Steele & Son, archts., 15th and Chestnut Sts., having plans prepared rein.-con., brick and steel, plain foundation, 1608-12 Chestnut St. $250,000.

Pa., Phila.—TERMINAL and OFFICE—City and Baltimore & Ohio R.R. Co., H. A. Lane, ch. engr., Baltimore, Md., made tentative agreement concerning plans for new Baltimore & Ohio Terminal and 25 story office building, 24th and Chestnut Sts.; electrification of railroad lines within city; extension of East River Dr. from Spring Garden St. south to Walnut Blvd.; also approaches to proposed new terminal. $8,000,000-$10,000,000.

Pa., Phila.—THEATRE—W. Freihofer, 20th and Indiana Sts., having plans prepared by Hodgens & Hill, 130 South 15th St., 1 story and basement, 135 x 392 ft., rein.-con., brick and steel, plain foundation, Broad and York Sts. $400,000.

Pa., Pittsburgh—LODGE—Malta Temple Assn., c/o M. Langsdale, Jenkins Arcade, having plans prepared by W. Beltz & W. Klicker, Jackson Bldg., 3 story and basement, 40 x 100 ft., brick and steel, North Ave. $150,000.

Fla., Jacksonville — GARAGE — N. S. Wood, c/o C. B. Schoepple, archt., Jacksonville, having plans prepared 1 and 2 story and basement, 75 x 250 ft., stone garage. $175,000. Downs Motor Co., 810 Hogan St., lessee.

Ala., Huntsville—STORE—J. R. Mason, Mason Furniture Co., plans 6 story and basement, brick, Clinton St. $150,000.

O., Cleveland — COMMERCIAL — Loews Ohio Theatres, Inc., c/o J. Laronge, Union Trust Bldg., having preliminary plans prepared by P. J. Bradshaw, 1900 Euclid Bldg., 2 story and basement, 65 x 102 ft., brick, steel and concrete, West 117th St. and Detroit Ave. $150,000.

O., East Cleveland (br. Cleveland)—STORE and APARTMENT—A. Palevisky, 1450 East 105th St., Cleveland, had plans prepared by A. F. Janowitz, 811 Prospect Ave., Cleveland, 4 story and basement, 50 x 120 ft., brick, Euclid Ave. near Page Ave. $150,000.

O., Gallipolis — HOTEL — C. E. Holzer, Holzer Hospital, had plans prepared by Snyder & Babbitt, 16 East Broad St., Columbus, 5 story and basement, 75 x 125 ft., brick and concrete, on river front. $300,000. Noted Feb. 23.

O., Medina—THEATRE—G. Weelis & B. Judelwitz plan 80 x 140 ft. theatre, Public Sq. $150,000.

Ind., Gary—BANK and OFFICE—Ivar Viehe-Naess & Co., archts., 410 North Michigan Ave., Chicago, Ill., soon takes bids 10 story and basement, 125 x 125 ft., rein.-con., brick and stone, here, Bway. and 5th St., for Gary State Bank, $450,000. Noted Mar. 1.

Ind., Gary — HOSPITAL — H. J. Gaul, archt., 228 East Superior St., Chicago, Ill., soon takes bids 5 story and basement, brick addition for Poor Hand Maids of Jesus Christ. $500,000.

Ind., Indianapolis—APARTMENT—E. M. Schofield, 605 State Life Bldg., having plans prepared rein.-con., brick and steel, 3416 North Meridian Ave. $150,000. Private plans.

Mich., Detroit—HOSPITAL—University of Detroit, 630 East Jefferson Ave., plans rein.-con., brick, stone and steel, Florence and Dexter Aves. $350,000. Engineers and architects names withheld.

Mich., Detroit — JAIL — Wayne Co., County Bldg., having revised plans prepared by A. H. Gould & Son, Empire Bldg., 6 story and basement, rein.-con., brick and steel, plain foundation, Clinton St. $1,000,000. Former bids rejected. Noted Feb. 24.

Ill., Chicago—HOTEL—D. H. Satten, 4934 Monticello Ave., having plans prepared by C. E. Fraser, 64 West Randolph St., and soon takes bids 4 story and basement, 70 x 102 ft., rein.-con., brick and terra cotta, 6334 Drexel Ave. $150,000.

Ill., Kankakee—CITY HALL—Election Apr. 19, $176,000 bonds, new city hall. L. E. Beckman, mayor.

Wis., Madison — ARCADE — Gay Bros., c/o S. L. Gay, Gay Bldg., having plans prepared by Bolch & Lippert, Gay Bldg., 3 story, rein.-con., brick and steel, plain foundation, Monroe St. $150,000.

Wis., Milwaukee—APARTMENT HOTEL—S. Buchbinder, 611 Summit Ave., having plans prepared by H. V. Miller, 1119 49th St., 8 story and basement, 60 x 88 ft. apartment hotel, Jackson Ave. and East State St. $200,000.

Wis., Milwaukee — THEATRE — Northwest Amusement Corp. having plans prepared by La Croix & Memmler, 228 3rd St., 2 story and basement, 94 x 120 ft. theatre, Hopkins St. Noted Dec. 30.

Ia., Des Moines—TEMPLE of JUSTICE—State having plans prepared by Proudfoot, Rawson & Souers, 810 Hubbell Bldg., temple of justice. $1,000,000.

Ia., Newton—Y. M. C. A. of Newton, c/o F. L. Maytag, The Maytag Co., and Y. M. C. A., D. S. Houser, bus. mgr., 19 South La Salle St., Chicago, Ill., had plans prepared by H. Raeder, 20 West Jackson Blvd., Chicago, Ill., 2 story and basement, 132 x 132 ft., rein.-con., brick, steel and stone, incl. swimming pool, gymnasium, etc. $150,000.

Kan., Dodge City—HOSPITAL—Protestant Hospital having plans prepared by Mann & Co., 722 Rorabaugh Wisley Bldg., Wichita, hospital. $150,000.

Kan., Lansing—CELL HOUSE—State Penitentiary, c/o State Bd. Administration, T. J. O'Neil, mgr., Topeka, having preliminary plans prepared by C. D. Cuthbert, State House, Topeka, rein.-con. and brick addition, here. $175,000 appropriated. Noted Apr. 2, 1925.

Kan., Rosedale—HOSPITAL—University of Kansas School of Medicine having plans prepared by C. D. Cuthbert, State House, Topeka, 3 story, rein.-con., brick and stone hospital. $200,000 funds appropriated.

Mo., St. Louis—APARTMENT—Housam Realty Co., International Life Bldg., soon takes bids 8 story and basement, 50 x 120 ft., rein.-con. and brick, concrete foundation, 5100 Waterman St. $200,000. Howard & Finley, 1104 International Life Bldg., archts. Noted Mar. 31.

Mo., St. Louis — GARAGE — Universal Automobile Serv. Co., c/o C. R. Felton, pres., Missouri Theatre Bldg., having plans prepared by Pleitch & Price, 1592 Arcade Bldg., 6 story and basement, 150 x 150 ft., rein.-con. and brick garage, incl. roof garden, etc., Delmar Ave. near Grand Blvd. $700,000. Noted Apr. 7.

Mo., St. Louis—WHOLESALE FLORIST—St. Louis Wholesale Florist Co., 13th and Pine Sts., soon takes bids 2 story and basement, 110 x 250 ft., rein.-con. and brick, La Salle and Josephine Sts. $200,000. Private plans.

Tex., San Antonio—HOTEL, CLUB and THEATRE — San Antonio Athletic Club (Turn Verein), having plans prepared by L. Harrington & Co., engrs. and archts., c/o Builders Exch. Bldg., 20 story and basement, rein.-con., brick and terra cotta, Houston and Nacogdoches Sts. $1,500,000. Noted Nov. 18.

Texas, Sweetwater — HOTEL — H. S. Green, archt., Alamo Natl. Bank Bldg., San Antonio, soon takes bids 6 story part basement and roof garden, 100 x 140 ft., rein.-con., brick and steel hotel, plain foundation, incl. lobby, coffee shop and dining room, etc., here, for H. B. Allen & Associates. $250,000. Peters & Haynes, Lubbock, associated archts. Noted Apr. 21.

Mo., Kansas City—APARTMENT—H. E. Fisher, 618 Commerce Bldg., having plans prepared by N. E. Peters, Orear Leslie Bldg., 8 story and basement, rein.-con. and brick, Brush Creek Dr. and McGee St. $250,000.

Calif., Los Angeles—TERMINALS—G. A. Bigler, Los Angeles Union Terminal Co., Wholesale Terminal Bldg., had plans prepared by R. H. Orr, 1,300 Corporation Bldg., Unit "A" 2 story, 130 x 140 ft., also Unit "B", 25 x 140 ft., Unit "C" 40 x 125 ft., Unit "D" 25 x 140 ft., Unit "F" 30 x 250 ft., Unit "G" 30 x 220 ft., Unit "H" 25 x 140 ft., etc., all foregoing 1 story, Kohler, 8th, 19th and Merchants Sts. $200,000.

Calif., Modesto — COURTHOUSE — Stanislaus Co. plans new election $500,000 bonds, courthouse. Previous election defeated. Noted Nov. 18.

Calif., Oakland—APARTMENT—J. Enos, c/o St. Anthonys Hospital, having preliminary plans prepared by R. G. DeLapp, 1017 Ray Bldg., 16 story and basement, 90 x 160 ft., concrete and steel, Oak St. $1,500,000.

Calif., San Diego—OFFICE—Mundy & Black, et al, c/o L. A. Smith, archt., Film Exch. Bldg., Los Angeles, soon takes bids 12 story and basement, 70 x 200 ft., rein.-con., B and C Sts., between 4th and 5th Sts. $1,000,000. Noted Apr. 21.

Calif., San Francisco—OFFICE—Robert Dollar Co., Robert Dollar Bldg., having preliminary plans prepared by C. W. McCall, 1404 Franklin St., Oakland, 25 story and basement, probably rein.-con., and steel annex, California St. $800,000.

Calif., San Francisco — PUBLISHING PLANT—W. R. Hearst, Examiner Bldg., having sketches made by J. Morgan, Merchants Exch. Bldg., newspaper publishing plant, 3rd and Jessie Sts. $1,000,000.

Calif., Santa Monica—APARTMENT—S. Brown, archt., New Orpheum Bldg., Los Angeles, preparing plans 8 story and basement, rein.-con., here. $300,000 or more. Owner's name withheld.

Ont., Guelph — HOTEL — Guelph Elmwood Hotel & Park Co. Ltd., soon takes bids Sandingham Hotel, modern fireproof construction. $250,000.

N. S., Halifax—HOSPITAL—City Council soon takes bids civic hospital. $150,000.

N. S., Sydney—HOTEL—Canadian Associated Hotels Ltd. soon takes bids 80 room fireproof hotel. $300,000.

N. B., Moncton—HOSPITAL—City Council soon takes bids civic hospital. $375,000.

Que., Hull—HOTEL—Windsor Hotel Co., Ltd., soon takes bids hotel. $190,000.

Ont., London—CITY HALL—A. Near, engr. and archt., City Hall, takes bids about May 15, 4 story and basement, 90 x 150 ft., brick and stone, Dundas St., for City Council. $215,000.

Man., Neepawa—HOTEL—King Edward Hotel Co. soon takes bids fireproof hotel. $150,000.

Alta., Edmonton — HOSPITAL — H. R. Smith, doctor, soon takes bids civic hospital. $200,000.

Bids Desired

Me., Sanford—HOSPITAL—H. D. Goodall Hospital, Inc., c/o Derby & Robinson, archts., 3 Joy St., Boston, Mass., taking bids 3 story and basement, 85 x 125 ft., with 35 x 70 ft., and 40 x 40 ft. wings, brick and stone, Sherburne Heights. To exceed $150,000.

Mass., Bourne—SANITORIUM—May 5, by Comrs. Barnstable Co., 3 story and basement childrens unit building, brick, plain foundation, Pocasset Section. $150,-

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Buildings—Commercial (Continued)

000. J. Purden, 50 Congress St., Boston, archt. Noted Mar. 24.

Mass., Cambridge (Boston P. O.) — THEATRE—See "Contracts Awarded."

Mass., Holyoke — APARTMENTS — See "Contracts Awarded."

Mass., Leominster — NURSES HOME — Apr. 28, by Leominster Hospital Assn., W. H. Cropper, pres., brick and steel nurses home. $150,000. Kendall, Taylor & Co., 142 Berkeley St., Boston, archts.

Mass., Springfield—GARAGE and TERMINAL—T. F. Nolan, agt., S. Z. Poli Realty Co., 196 Worthington St., taking bids 6 story, 131 x 207 ft., rein.-con. and steel, Bway. $1,000,000. H. C. Hearne, 3rd Natl. Bank Bldg., archt.

Mass., Waltham (Ind. br. Boston)—THEATRE and STORE—G. N. Jacobs, archt., 9 Bosworth St., Boston, taking bids 2 story and basement, 90 x 150 ft., brick and steel, plain foundation, Moody St. Owner's name withheld. Noted Feb. 10.

Conn., Hartford—CASINO—F. N. Tilton, 82 Charted Oak Ave., taking bids 2 story and basement, 84 x 125 ft., brick and steel casino, incl. auditorium, 2,000 seating capacity, bowling alleys, etc., Elm St. $150,000. G. H. Matthews, 48 Campfield Ave., archt.

Conn., Norwalk — Apr. 28, by May & Hillard, archts., 607 5th Ave., New York City, 4 story, 158 x 245 ft., brick, plain foundation, here, for Y. M. C. A. To exceed $350,000. Noted Dec. 30.

N. Y., Brooklyn — APARTMENT — See "Contracts Awarded."

N. Y., Brooklyn—WAREHOUSE—May 15, by Starrett & Van Vleck, archts., 393 7th Ave., New York City, 8 story, 200 x 350 ft., rein.-con., 2nd Ave. between 43rd and 44th Sts., here, for Abraham & Straus, 422 Fulton St. $1,000,000.

N. Y., Rome—DORMITORY—May 4, by Commissioners Mental Hygiene, Dept. Hygiene, Capitol, Albany, constructing Dormitory Building "R," and service connections, State School for Mental Defectives, here. S. W. Jones, Capitol, Albany, archt.; adv. E. N.-R. Apr. 21. Noted Mar. 31.

N. J., Cranford — APARTMENT — See "Contracts Awarded."

N. J., East Orange—APARTMENT—See "Contracts Awarded."

N. J., Irvington (br. Newark)—APARTMENT—See "Contracts Awarded."

N. J., Jersey City—APARTMENTS—See "Contracts Awarded."

N. J., Orange — SHOW ROOM and STORE—J. J. Lamb, archt., 318 Main St., taking bids general contract 2 story, 100 x 160 ft., brick and steel, plain foundation, Main and Hillyer Sts., for A. K. Zotian, 147 Main St. $150,000.

N. J., Newark — APARTMENT — See "Contracts Awarded."

N. J., Plainfield — APARTMENT—See "Contracts Awarded."

Pa., Phila. — STORE — Apr. 27, by C. Wunder, archt., 1520 Locust St., 3 story and basement, 75 x 168 ft., rein.-con., brick and steel, plain foundation, Chelten Ave. and Greene St., for G. Allen, Inc., 1210 Chestnut St. $200,000.

O., Akron — COMMERCIAL and RECREATION — Akron Recreation Co., c/o M. A. Norcross, archt., 7016 Euclid Ave., Cleveland, taking bids 2 story and basement, 140 x 165 ft., brick, steel and concrete, East Market St. $500,000.

O., Cleveland—COMMERCIAL and THEATRE—Syndicate, c/o H. N. Fink, c/o Stotter-Haber Co., Leader Bldg., taking bids 2 story and basement, 125 x 176 ft., brick, steel and concrete, East 119th St. and Buckeye Rd. $200,000. Braverman & Havermaet, Ulmer Bldg., archts. Noted Jan. 13.

O., Columbus — AUDITORIUM — See "Contracts Awarded."

Ind., Hammond—STORE—H. Schneider, c/o G. Lovedall, archt., 25 North Dearborn St., Chicago, Ill., taking bids 3 story and basement, 85 x 101 ft., rein.-con., brick and steel, State and Morton Sts. $160,000.

Mich., Ann Arbor — THEATRE — M. H. Finkel, archt., 1333 Book Bldg., taking bids and open same about Apr. 22, 3 story and basement, rein.-con., brick and steel, plain foundation, East Liberty St. $500,000. Owner's name withheld. Noted Mar. 17.

Mich., Northville — HOSPITAL — H. A. Andries, secy. Bd. Health, Clinton and Beaubien Sts., Detroit, soon lets contract 2 story and basement, rein.-con., brick and steel hospital unit for tuberculosis sanitarium, plain foundation, here. $200,000.

Ill., Chester—HOSPITAL—May 3, by Chester State Hospital, c/o Dept. Purchase & Constr., Springfield, L. Small, dir., 3 story, brick and stone cell house for hospital. $185,000. W. J. Lindstrom, 608 South Dearborn St., Chicago, engr. J. A. Nyden, 190 North State St., Chicago, archt.

Ill., Joliet—Apr. 30, by Joliet Y. M. C. A., c/o W. C. Barber, chn., c/o Elgin, Joliet & Eastern Ry., 5 story and basement, rein.-con., brick and stone, Ottawa and Webster Sts. $500,000. D. H. Burnham, 160 North La Salle St., Chicago, archt. Noted Apr. 14.

Wis., Milwaukee—THEATRE and BUSINESS—See "Contracts Awarded."

Kan., Lansing — CELL HOUSE — See "Contracts Awarded."

Kan., Hutchinson—CELL HOUSE—See "Contracts Awarded."

Mo., Kansas City — WAREHOUSE and GARAGE — May 2, by Southwestern Bell Telephone Co., Southwestern Bell Telephone Bldg., St. Louis, 3 story and basement, 120 x 180 ft. warehouse, and 1 story, 108 x 144 ft. garage, both rein.-con. and brick, 35th St. and Roanoke Rd., here. To exceed $150,000. I. R. Timlin, c/o owner, archt. W. J. Knight & Co., 903 Wainwright Bldg., engrs.

Mo., St. Louis—OFFICE—E. M. Turner, archt., c/o Missouri Pacific R.R. Co. (owner), Ry. Exch. Bldg., and Mauran, Russell & Crowell, consult. archts., Chemical Bldg., taking bids general work 22 story, 40 ft. tower and basement, 100 x 193 ft., rein.-con., brick, steel, stone and granite office and boiler plant, 13th and Pine Sts. Archts. total est. $2,000,000. E. A. Hadley, c/o owner, ch. engr. Noted Mar. 31.

Ark., Bentonville—COURT HOUSE—May 5, by Comrs. Benton Co. Court, 3 story, 72 x 120 ft., rein.-con., brick and stone court house. $200,000. A. O. Clark, Rogers, archt. Noted Feb. 24.

Calif., Los Angeles—APARTMENT—See "Contracts Awarded."

Calif., Los Angeles—STORE and LOFT—Morgan, Walls & Clements, archts., Van Nuys Bldg., taking bids 2 story, 150 x 150 ft., brick, Oxford Ave. and Wilshire Blvd., for Post, Roseberry & Longyear, c/o architects. $150,000.

Calif., Oakland—APARTMENT—W. H. Weeks, archt., 369 Pine St., San Francisco, taking bids 6 story and basement, rein.-con., Lake and Madison Sts., for D. and E. Haddon, c/o architect. $300,000. Noted Feb. 24.

Calif., Redondo Beach—LODGE—W. H. Austin, et al, archts., 531 Pacific Southwest Bank Bldg., Long Beach, taking bids part 1 and 2 story 160 x 160 ft., rein-con., Ruby St., for Masonic Temple Building Assn., Long Beach. Noted Oct. 14.

Calif., San Francisco—APARTMENT—See "Contracts Awarded."

Calif., San Francisco—APARTMENT—W. E. Schirmer, archt., Thayer Bldg., Oakland, taking bids 8 story and basement, rein.-con., Jones and Washington Sts., here, for Thirteen-Sixty Jones, Inc., c/o architects. To exceed $150,000. Noted Dec. 30.

Contracts Awarded

N. H., Concord—HOSPITAL—Margaret Pillsbury General Hospital, 2 and 3 story and basement, brick and stone addition and nurses home, also altering 1 story power house, to L. Rochford & Son, 44 Front St., Worcester, Mass. Archts. est. $150,000. Noted Mar. 17.

Vt., Lyndonville—HOTEL—H. M. Smith, Realty Bldg., 4 story and basement, brick and stone, plain foundation, Depot St., to Rowe Constr. Co., Woodsville. Archts. est. to exceed $150,000. Noted Jan. 27.

Mass., Boston—BANK—State St. Trust Co., State and Congress Sts., altering and constructing 3 story and basement, rein.-con. and brick plain foundation, 130 Massachusetts Ave., to G. H. Macumber Co., 38 Chauncy St. Archts. est. $150,000. Noted Sept. 16, 1926.

Mass., Boston—BANK and OFFICE—Natl. Shawmut Bank, 40 Water St., altering 9 story and basement, brick and steel, plain foundation, Water St., to G. W. Smith, 67 Hewlett St., Roslindale, Mass. Archts. est. $150,000.

Mass., Boston — BUSINESS — Security System, c/o L. W. Besse, 21 Besse Pl., Springfield, altering and constructing 5 story and basement, 40 x 115 ft., brick and stone additions, plain foundation, 31-33 Otis St., here, to Nathan Frit Constr. Co., 62 Maywood St., Roxbury. Archts. est. $160,000. Noted Dec. 9.

Mass., Cambridge (Boston P. O.)—THEATRE, STORE and OFFICE — Porter Realty Co., c/o G. N. Jacobs, archt., 9 Bosworth St., Boston, will build 2 story and basement, 110 x 150 ft. brick, steel and stone, plain foundation, 2009 Massachusetts Ave. $350,000.

Mass., Holyoke — APARTMENT—Lynch Bros. Co., 225 High St., will build 4 story and basement, brick and stone, plain foundation, Appleton and Pleasant Sts. $150,000. Work will be done by separate contracts. W. R. Reid, 136 Washington Rd., Springfield, archt.

Mass., Milford—THEATRE and STORE—Milford Realty Corp., E. Austin & D. Stoneman, 333 Washington St., Boston, 1 and 2 story and basement, 60 x 100 ft., brick and steel, plain foundation, Park, Main and Congress Sts., to J. F. Curley, 180 Dudley St., Roxbury. Former contract rescinded. Archts. est. to exceed $150,000. Noted Feb. 17.

Mass., Plymouth—ADMINISTRATION, etc.—Mass. Girls Scouts, Inc., 35 Newbury St., Boston, 1 and 2 story and basement, brick and timber administration building, assembly hall, etc., plain foundations, Long Pond, here, to Semple & Clark, 44 Bromfield St., Boston. Archts. est. to exceed $150,000.

Mass., West Newton (Ind. br. Boston)—INFIRMARY — Fessenden School, 215 Albemarle St., 3 story and basement, 45 x 100 ft. and 40 x 90 ft. brick and stone, plain foundation, Albermarle St., to Archdeacon & Sullivan, 5 East Concord St., Boston. Noted Mar. 31.

Conn., New Haven—OFFICE, GARAGE, Etc.—Tidewater Oil Sales Corp., 11 Bway., New York City, rein.-con., brick and steel office, garage, boiler house and storage building, Forbes Ave., here, to J. N. Leonard & Co., 902 Chapel St. Archts. est. $60,000.

N. Y., Brooklyn — APARTMENT — D. Solomon, c/o M. E. Freehof, archt., 415 Lexington Ave., New York City, will build 13 story and basement, 75 x 101 ft., rein.-con., brick and steel, plain foundation, 22-26 Monroe Pl. $525,000. Work will be done by separate contracts.

N. Y., Douglaston (Ind. sta. Flushing)—CLUB—North Hill Golf Club, Inc., c/o C. C. Wendehack, archt., 101 Park Ave., New York City, 2 story, brick and tile, here, to H. A. Harris, 16 East 43rd St., New York City. Archts. est. $200,000.

N. Y., New York—APARTMENT—D. A. Cushman Realty Corp., 172 9th Ave., 16 story and basement, rein.-con., brick and steel, plain foundation, 9th Ave. and 20th St., to E. Corning, 145 East 45th St. Archts. est. $450,000. Noted Jan. 20.

N. Y., New York—LOFT and STORE—Three Hundred Fifteen-Three Hundred Twenty-One West 39th St. Corp., c/o H. I. Oser, archt., 1440 Bway., 14 story and basement, 315-321 West 39th St., to Magoles Constr. Co., Inc., 103 Park Ave. Archts. est. $600,000. Noted Jan. 6.

N. Y., New York—OFFICE—One Thousand Seven Seventy-Six Bway., Inc., J. E. Gilbert, pres. and archt., 501 7th Ave., will build 21 story and basement, 54 x 111 ft., brick, steel and stone, plain foundation, 1776 Bway. $1,000,000. Work will be done by day labor.

N. Y., New York—SALES and SERVICE—White Motor Co., 842 East 79th St., Cleveland, O., 3 story and basement, 80,000 sq.ft. floor space, rein.-con. and brick, 133rd St. and Cypress Ave., here, to James Stewart Co., Inc., 17 East 42nd St., New York City. Archts. est. $350,000. Noted Mar. 31.

N. Y., New York — THEATRE, STORE and OFFICE — Consolidated Amusement Enterprises, 623 8th Ave., 2 story and basement, rein.-con., brick and steel, plain foundation, Sheridan Ave. and 107th St., to M. Shapiro & Sons Co., 1560 Bway. Archts. est. $450,000.

N. Y., New Rochelle—APARTMENT—A. R. Shaw, 100 Pelham Rd., 6 story and basement, rein.-con. and brick, plain foundation, Pelham Rd and Oakhurst Gardens, to Norris Constr. Co., 67 West 44th St., New York City. Archts. est. $500,000.

N. J., Cranford — APARTMENT — J. Horn, 863 South 18th St., Newark, will build 4 story, brick, plain foundation, Holly and Orchard Sts. $150,000. Work will be done by separate contracts. M. Klemont, 68 Clinton Ave., Newark, archt. Noted Apr. 14.

N. J., East Orange—APARTMENT—B and M Constr. Co., 66 Schuyler Ave., Newark, will build 4 story, 85 x 140 ft., brick and steel, plain foundation, 61 Glenwood Ave. $150,000. Work will be done by separate contracts.

N. J., East Orange — APARTMENT — Church Constr. Co., 800 South 13th St., Newark, will build 5 story, 70 x 165 ft. brick, plain foundation, Harrison St.

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Buildings—Commercial (Continued)

$200,000. Work will be done by separate contracts. W. Lehman, 972 Broad St., Newark, archt. Noted Sept. 23.

N. J., East Orange — APARTMENT — Halstead Building Co., 825 Clinton Ave., Newark, will build 4 story, 75 x 135 ft., brick and steel, plain foundation, 157 Halstead St., here, $150,000. Work will be done by separate contracts. R. Bottelli, 207 Market St., Newark, archt. Noted Apr. 14.

N. J., East Orange — APARTMENT — Kuskin & Rothberg, Inc., 24 Branford Pl., will build 4 story, 120 x 150 ft., brick and steel, plain foundation, 66 Prospect St. $275,000. Work will be done by separate contracts. R. Bottelli, 207 Market St., Newark, archt. Noted Mar. 31.

N. J., East Orange—APARTMENT—Sharff & Koplowitz, 972 Broad St., will build 4 story, brick, plain foundation, Rhode Island Ave., $150,000. Work will be done by separate contracts. L. Kasoff, 164 Market St., Newark, archt.

N. J., Elizabeth—HOTEL—Albert Leon & Son, 95 Smith St., Perth Amboy, 7 story, 87 x 200 ft., brick and steel, plain foundation, East Jersey St., here, to A. G. Constr. Co., 191 Market St., Newark. Archts. est. $1,000,000. Noted Mar. 31.

N. J., Irvington (br. Newark)—APARTMENT—Ellis Realty Co., 164 Market St., Newark, will build 5 story, 90 x 130 ft., brick, plain foundation, Springfield Ave., here. $200,000. Work will be done by separate contracts. L. Kasoff, 164 Market St., Newark, archt. Noted Mar. 31.

N. J., Irvington (br. Newark)—APARTMENT—G. F. Lederer, 96 Sherman Pl., will build 4 story, brick, plain foundation, Chapman Pl. $150,000. Work will be done by separate contracts. N. Kapnock, 26 Wolcott Terrace, Newark, archt.

N. J., Jersey City—ADMINISTRATION—New York State Bridge & Tunnel Comm. and New Jersey Interstate Bridge & Tunnel Comm., Woolworth Bldg., New York City, Administration Building 12, 3 story and basement, brick, steel and stone, plain foundation, here, for Holland Tunnel, Contr. 8, to Carleton Co., Inc., 151 West 42nd St., New York City. $209,600. Noted Apr. 7.

N. J., Jersey City—APARTMENTS—C. B. and G. Constr. Co., 3010 Hudson Ave., will build two 4 story, 30 x 90 ft., brick, plain foundation, Reed St. $150,000. Work will be done by separate contracts. N. Welitoff, 3010 Hudson Blvd., archt.

N. J., Lyndhurst (br. Rutherford)—THEATRE—Paramount Theatre Corp., c/o D. Heller, 972 Broad St., Newark, general contract 1 story, brick and steel, plain foundation, Ridge Rd. and Valley Brook Ave., to Heller Constr. Co., 972 Broad St., Newark. Archts. est. $300,000.

N. J., Newark—APARTMENT—Leonard Codoms Co., 478 Broad St., will build 4 story, 84 x 112 ft., brick, plain foundation, 87 Mt. Pleasant Ave. $150,000. Work will be done by separate contracts. J. Centanni, 142 Market St., archt.

N. J., Plainfield—APARTMENT—Lenox Land Co., Firemans Bldg., Newark, will build 5 story, 85 x 85 ft., brick, plain foundation, West 7th St., here. $175,000. Work will be done by separate contracts. Kasoff & Flatt, 164 Market St., Newark, archts.

Pa., Greensburg—SCHOOL—Bd. Educ., general contract, 2 story and basement, irregular shaped, brick and steel, to B. F. Fulmer Co., Greensburg. Archts. est. $150,000. Noted Mar. 31.

Pa., Phila. — COMMERCIAL — J. Bernhard, 13th and Chestnut Sts., 1 story and basement, 65 x 152 ft., rein.-con. and brick, plain foundation, 17th and Indiana Sts., to J. Schnabel, Abbott Bldg. Fisk Rubber Co., c/o A. J. Sauer Co., archts., Schaff Bldg., lessee.

Pa., Pittsburgh — STORAGE and GARAGE—Exchange Land Co., 127 North Hiland Ave., general contract 1 and 2 story and basement, 60 x 196 ft., and 70 x 100 ft., brick and hollow tile, West Liberty Ave., to Conley & DeMey, 127 North Hiland Ave. Archts. est. $150,000.

Pa., Swissvale—OFFICE—Union Switch & Signal Co., general contract 5 story and basement, 156 x 219 ft., brick, steel and stone office building, to W. T. Grange Constr. Co., Keenan Bldg., Pittsburgh. Archts. est. $500,000. Noted Mar. 24.

Pa., Wayne — APARTMENT — R. G. Pratt, archt., Franklin Trust Bldg., Phila., 2 story and basement, 223 x 225 ft., brick and steel, plain foundation, here, to Powell Constr. Co., Ardmore. Archts. est. $200,000. Owner's name withheld.

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Pa., Woodlawn — BANK — First Natl. Bank, 2 story and basement, 60 x 125 ft., brick and stone bank, to Simons, Brittain & English (constr. dept.), Magee Bldg., Pittsburgh. Archts. est. $150,000.

Ala., Birmingham — HOSPITAL — Bd. Revenue Jefferson Co., 3 story and basement, 75 x 200 ft., rein.-con. annex to Hillman Hospital, South 20th St., to Kaucher-Hodges Co., Shrine Bldg., Memphis, Tenn., $449,000. Noted Feb. 17.

La., Alexandria—MASONIC TEMPLE—Masonic Benevolent Assn., c/o S. R. Pickett, 108 4th St., 4 story, 91 x 103 ft., rein.-con. brick, steel and stone, 4th and Johnson Sts. to Caldwell Bros., 816 Howard Ave., New Orleans. Archts. est. $225,000. Noted Jan. 13.

Tenn., Nashville — APARTMENT — Gainesboro Apartment Co., A. Landis, pres., Indiana Life Bldg., carpentry contract 20 apartment, brick, stone, concrete and steel, 3405 West End Ave., to H. H. Pride Co., Nashville, concrete, masonry and steel, to Bush Building Co., 8th Ave. N., doors, window, screens, glass, etc., to Southern Door & Glass Co., 218-2nd Ave. N., stucco and metal lathe, to F. H. Polk Co., 155-4th Ave. N., stone, to G. Mattie, Nashville, painting, to F. J. Ehrhart Co., 209 Church St., tile, marble and roofing, to H. E. Parmer Co., 801-5th Ave. N.; electrical work, to Buchanan Electrical Co., 414 Commerce St.; plumbing and heating, to J. M. Gallagher Co., 119-5th Ave. N.; stone work, to Capitol City Cut Stone Co., Nashville; and hardwood floors, to Nashville Floor Laying Co., 110 North 1st St. Archts. est. $200,000. Noted Mar. 10.

O., Dayton—HOTEL—Van Cleve Hotel Co., 12 story and basement, rein.-con., stone and brick, plain foundation, 1st and Ludlow Sts., to Hillsmith & Co., Winters Bank Bldg., $850,000. Noted Mar. 31.

O., Cleveland — APARTMENT — J. E. Sague, 2087 Abington Rd., 3 story and basement, 60 x 126 ft., brick apartment, to A. W. Laws, 2206 East 93rd St. Archts. est. $150,000. Noted Mar. 10.

O., Cleveland — WAREHOUSE — Distributing Terminal & Cold Storage Co., c/o W. S. Bicknell, Keith Bldg., 12 story, 200 300 ft., brick, West 14th St. and University Rd., to Lundoff-Bicknell Co., Keith Bldg. Archts. est. $1,000,000.

O., Columbus—AUDITORIUM—J. E. McCrehen, 121 East State St., will build 2 story and basement, 187½ x 187½ ft., brick, steel and concrete, Front St. Approximately $1,000,000. Work will be done by separate contracts. Richards, McCarty & Bulford, 584 East Broad St., archts.

O., Shaker Heights (br. Cleveland)—C. Bernstein, Insurance Center Bldg., Cleveland, 3 story and basement, 110 x 139 ft., brick, here, to W. Dolin, Swetland Bldg. Archts. est. $250,000.

Ind., Anderson—APARTMENT—E. R. Watkins, archt., 441 Union Bldg., 3 story and basement, 140 x 140 ft., rein.-con., brick and steel, 11th and Central Sts., to Eshelman Co., 718 Jackson St., for Beverly Terrace Co. $155,000. Noted Mar. 31.

Ind., East Chicago — HOSPITAL — St. Catherine Hospital, c/o Sisters of Poor Hand Maids of Jesus, 5 story and basement, 40 x 90 x 200 x 241 ft., rein.-con., brick and stone hospital, to H. B. Olney, East Chicago. Archts. est. $1,250,000.

Ind., East Chicago—HOSPITAL—Manufacturers Assn., general contract 5 story and basement, rein.-con., brick and steel, 143rd and Elm Sts., to H. B. Olney, East Chicago, $1,000,000. Noted Dec. 9.

Ind., Ft. Wayne—HALL—Serbian Hall, general contract 3 story, 75 x 126 ft., brick and steel hall, to M. Gerometta, 515 Bway. Archts. est. $150,000.

Ind., Gary—APARTMENT—L. Goodman, general contract brick and steel, 2,200 West 5th St., to A. Orbeson, 917 Madison St. Archts. est. $250,000.

Ind., Hammond—APARTMENT—A. C. Berry & Co., Ruff Bldg., general contract brick, stone and steel apartment, to Milda & Peterson Constr. Co. Archts. est. $150,000. Noted Mar. 24.

Ind., Indianapolis — APARTMENT — R. M. Cotton, East 10th and Sterling Sts., general contract rein.-con. and brick, 5230 East Washington St., to T. B. Brydon, 1245 Bolton St. Archts. est. $150,000.

Mich., Ann Arbor — EXCHANGE — Michigan Bell Telephone Co., Cass Ave., Detroit, 2 story and basement, rein.-con., brick and steel, plain foundation, here, to W. E. Wood Co., 1805 Ford Bldg., Detroit. Archts. est. $150,000.

Mich., Detroit—OFFICE—Union Co., Griswold St., 5 story and basement, 50 x 100 ft., rein.-con., brick, stone and steel, plain foundation, Griswold and Jefferson Aves., to W. E. Wood & Co., 18[illegible] Ford Bldg. Archts. est. $200,000. Noted [illegible]-24

Mich., Detroit—OFFICE—Smith, Hinchman & Grylls, archts., 800 Marquette Bldg., structural steel frame for 47 sto[illegible] and basement, 120 x 130 ft., rein.-con., brick and steel, caisson foundation, Fort and Griswold Sts., to Amer. Bridge Co., [illegible] Buhl Bldg., for S. J. Murphy, Penobscot Bldg. Noted Mar. 10.

Mich., Detroit—Y. M. C. A., Adams and Witherell Sts., 5 story and basement, 125 x 150 ft., rein.-con., brick and steel, plain foundation, Clark and Dix Aves., to Rose warne, McNab & Worswick, 333 State St. Archts. est. $500,000. Noted Mar. 4

Ill., Chicago — APARTMENT—Holabird & Roche, archts., 104 South Michigan Ave., general contract McCormick Tower, 47 story and basement, 90 x 90 ft., Delaware Pl. and Lake Shore Dr., to Lundoff-Bicknell Co., 180 North Michigan Ave., for Leander McCormick Estate, 332 South Michigan Ave. Archts. est. $4,000,000

Ill., Chicago — DETENTION HOME — City, Room 406, City Hall, general contract 2 story and basement, 81 x 161 ft., rein.-con. and brick, Loomis and Monroe Sts., to Mutual Constr. Co., 2532 Warren Ave., $189,964; plumbing, also heating and ventilating, to C. J. Stein Co., 166 East Grand Ave., $47,955 and $36,739 respectively; elevator, to Wheeler Elevator Co., 1102 West Washington Blvd., $3,580. Grand total $278,508.

Ill., Chicago—STORE—Dubin & Eisenberg, archts., 14 West Washington St., general contract 5 story and basement, 90 x 150 ft., brick and terra cotta, Roosevelt Rd. and Morgan St., to G. L. Arquette Co., 160 North La Salle St., for Associated Mercantile Co., 848 West Roosevelt Rd. Archts. est. $400,000. Noted Feb. 10.

Ill., Rockford—OFFICE and STORE—W. Talcott, 839 North Main St., 6 story and basement, 78 x 106 ft., rein.-con., brick, steel and Bedford stone, plain foundation, West State St., to Security Building Corp., 1016 Charles St., approximately $400,000. Noted Dec. 2.

Wis., Madison — ARCADE — J. N. Hobbins, 23 East Main St., 2 and 3 story and basement, 45 x 182 ft., rein.-con., brick and steel, plain foundation, King St., to J. H. Kelley, 24 East Mifflin St. Noted Feb. 3.

Wis., Milwaukee—THEATRE and BUSINESS—Badger Building Serv., 445 Milwaukee St., will build 3 story and basement, 100 x 135 ft., brick and steel, plain foundation, Teutonia Ave. $300,000. Work will be done by separate contracts. Peacock & Frank, 445 Milwaukee St., archts. Noted Nov. 11.

Kan., Hutchinson—CELL HOUSE—State Reformatory, c/o State Bd. Administration, Topeka, will build 4 tier and basement, 57 x 213 ft., rein.-con. brick and stone cell house, here, by convict labor. Archts. est. $150,000. C. D. Cuthbert, State House, Topeka, archt. Noted Apr. 7.

Kan., Independence — OFFICE — Prairie Oil & Gas Co., 5 story, rein.-con., brick, stone and terra cotta addition, to Thompson-Starrett Co., 250 Park Ave., New York City. Archts. est. $600,000.

Kan., Lansing—CELL HOUSE—State Penitentiary, c/o State Bd. Administration, State House, Topeka, will build 4 tier, 57 x 244 ft., rein.-con., brick and stone cell house, here, by convict labor. Archts. est. $150,000. C. D. Cuthbert, State House, Topeka, archt.

Minn., Minneapolis—OFFICE—W. B. Foshay Co., 9th St. and 2nd Ave. S., general contract 2 story and basement, rein.-con., brick and stone, 9th St. and Marquette Ave., to M. Schumacher, 39 Well Pl. Engrs. total est. $300,000. Noted Feb. 24.

Mo., St. Louis — APARTMENT — A. H. Winkelmeyer, 2602 South Grand Blvd., 3 story and basement, 18 unit rein.-con., brick and terra cotta, Grand and Sidney Sts., to Schroeder Greulich Constr. Co., 3111 North Grand Blvd. Archts. est. $150,000.

Tex., Childress—HOTEL—A. Nave, 7 story, 125 room, rein.-con., brick and stone hotel, to H. W. Underhill Constr. Co., 333 Amarillo Bldg., Amarillo, $376,000. Noted Dec. 30.

Okla., Oklahoma City—OFFICE—Oklahoma Gas & Electric Co., Insurance Bldg., 6 story and basement, 75 x 140 ft., rein.-con. and brick, plain foundation, 3rd and Harvey Sts., to J. H. Frederickson, Baltimore Bldg., $531,750. Noted Mar. 31.

Okla., Wewoka — OFFICE — E. C. Aldridge, 3 story and basement, 50 x 140 ft., rein.-con. and brick, plain foundation, to Cowen Bros., Shawnee, $150,000. Noted Feb. 24.

Wash., Port Angeles—HOTEL THEATRE and STORE—G. C. Field, archt.,

Buildings—Commercial (Continued)

Lloyd Bldg., Seattle, 6 story, 140 x 150 ft., concrete and steel hotel, Lincoln Ave., to Alexander & MacNeil, Mt. Vernon, for McGillivray & Taylot, doctors, Port Angeles. $250,000.

Ore., Portland — RECREATION CENTER—L. Friede, Manchester Bldg., 3 story, 100 x 100 ft., rein.-con. and brick, recreation center, incl. bowling alleys, swimming tanks, etc., 11th and Alder Sts., to Zanello Bros., Worcester Bldg. Archts. est. $400,000. Noted Jan. 27.

Calif., Los Angeles — APARTMENT — J. M. Close, 241 North Western Ave., will build 3 story and basement, brick, Winona St. by day labor. $150,000. Private plans.

Calif., Los Angeles — APARTMENT — Crown & Kagan, 2205 5th Ave., will build 5 story and basement, brick and concrete, South New Hampshire St., by day labor.

Calif., Los Angeles — APARTMENT — Globe Investment Co., 6 story and basement, 50 x 150 ft., with 50 x 50 ft. wing, rein.-con., Franklin Ave., to Tierstein Constr. Co., 1680 North Vine St., approximately $225,000.

Calif., Los Angeles — APARTMENT — Highbourne Holding Co., c/o C. R. Selkirk, archt., California Bldg., 6 story and basement, rein.-con., Highland Ave., to M. Smith, 6665 Sunset Blvd., approximately $225,000.

Calif., Los Angeles—AUTO SALES and SERVICE—White Motor Co., c/o H. R. Hadlow, constr. engr., 842 East 79th St., Cleveland, O., 2 story and basement, 200 x 330 ft., brick and rein.-con., to Stone & Webster, 147 Milk St., Boston, Mass. Archts. est. $350,000.

Calif., Los Angeles—STORE and LOFT—Platt Music Co., 622 South Bway., 5 story and basement, 60 x 148 ft., steel and rein.-con., Bway. between 8th and 9th Sts., to Lange & Bergstrom, Washington Bldg., approximately $450,000. Noted Mar. 3.

Calif., Los Angeles—STORE and LOFT—Morgan, Walls & Clements, archts., Van Nuys Bldg., 2 and 3 story and basement, brick and rein.-con., Oxford St. and Wilshire Blvd., to H. M. Baruch Corp., Lincoln Bldg., for Sun Realty Co., c/o architects. Approximately $155,000. Noted Mar. 31.

Calif., San Francisco—APARTMENT—L. Hoffman, 1541 Howard St., will build 14 story and basement, steel, Franklin and O'Farrell Sts., by day labor. $200,000 or more. Private plans. Noted Feb. 3.

Calif., San Francisco—APARTMENT—Hyman & Appleton, archts., 68 Post St., 6 story and basement, steel and concrete, Laguna St. and Bway., to Hayes-Oser Co., Call Bldg., $165,500. Owner's name withheld. Noted Jan. 27.

Calif., San Francisco—APARTMENT—H. C. Keenan, 110 Sutter St., will build 6 story and basement, concrete and steel, Laguna and Sacramento Sts., by day labor and sub-contracts. $150,000. H. C. Baumann, 251 Kearny St., archt. Noted Mar. 24.

Calif., Santa Barbara—HOTEL—A. L. Richmond, c/o Walker & Eisen, archts., Western Pacific Bldg., Los Angeles, 1 to 6 story, rein.-con. hotel, to Scofield Eng.-Constr. Co., Pacific Finance Bldg., Los Angeles. Archts. est. $450,000 or more. Noted Feb. 3.

Que., Montreal—OFFICE—Mayor Building Ltd., 11 story, 70 x 140 ft., office building, St. Alexander St., to Atlas Constr. Co. Ltd., 37 Belmont St. Archts. est. $750,000.

Buildings — Industrial

Proposed Work

N. J., Belleville (br. Newark) — TIRE FACTORY — Overman Cushion Tire Co., Cortlandt St., having plans prepared by E. E. Grant, 397 Washington St., Newark, 4 story, 80 x 180 ft., rein.-con., brick and steel, plain foundation, Cortlandt St., here. $200,000.

Pa., Brockway — GLASS PLANT — Brockway Machine Bottle Co. having plans prepared 1 story, 50 x 75 ft., and 75 x 120 ft., brick and steel addition. $50,000. H. L. Dixon Co., Carnegie, engrs.

Tenn., Chattanooga—GARAGE and BUS TERMINAL—Century Co., W. E. Brook, pres., having plans prepared by C. E. Bearden, 1st Natl. Bank Bldg., 125 x 375 ft., concrete, brick and steel, Broad St. $100,000.

O., Canton — FACTORY — Berger Mfg. Co., 1038 Belden Ave., plans rebuilding 1 story, 100 x 350 ft., brick and steel, 1038 Belden Ave. N. E. East End, recently destroyed by fire. $100,000-$150,000.

O., Cleveland—FACTORY—Smith Incubator Co., W. A. Smith, treas., 1920 West 77th St., having plans prepared 1 story, 200 x 200 ft., brick and steel factory. $150,000. Private plans.

Ind., Anderson—FACTORY—Delco-Remy Div. General Motors, had plans prepared 1 story, 210 x 400 ft., cement and steel, concrete pile foundation, Columbus Ave. and 27th St. C. M. Gross, constr. engr.

Ind., Anderson — INDUSTRIAL—Amer. Steel & Wire Co., H. O'Connor, local supt., 16 and Locust Sts., plans industrial plant, 16th and Locust Sts. $1,000,000.

Mich., Battle Creek—CEREAL FACTORY—Postum Cereal Co. having plans prepared rein.-con. and brick addition, plain foundation. $200,000. Lockwood Green & Co., 1902 Buhl Bldg., Detroit, engrs.

Mich., Detroit — STOVE PLANT and OFFICE—A. Kahn, archt., 1000 Marquette Bldg., soon lets contract general contract 1 story 300 x 804 ft. building, with loading dock, 2 story 47 x 150 ft., brick and steel office building, 30 x 60 ft. boiler house, 62 x 66 ft. garage, and 2 story, 30 x 60 ft. cupola room and office building, Burt Rd. and Pere Marquette R.R. tracks, for Peninsular Stove Co., Fort St. and Trumbull Ave. Noted Mar. 17.

Ill., Rockford—GAS STOVE FACTORY—F. D. Chase, Inc., archts. and engrs., 720 North Michigan Ave., Chicago, soon lets contract 1 story, brick, here, for G. D. Roper Corp., South Main St. T. J. Reynolds, secy. $125,000.

Mo., Kansas City — BAKERY — Purity Baking Corp., 844 Rush St., Chicago, Ill., having plans prepared 1 and 2 story and basement, 114 x 171 ft., rein.-con., and brick, 11th St. and Virginia Ave. $100,000. Private plans.

Mo., Kansas City—CLEANING and DYEING—Criterion Cleaners, c/o H. C. Brandenberger, archt., 612 Interstate Bldg., having plans prepared 2 story and basement, 220 x 220 ft., rein.-con. and brick plant, incl. equipment. $125,000.

Mo., St. Louis—ELECTRIC MANUFACTURING PLANT — General Electric Co., River Rd., Schenectady, N. Y., takes bids this summer (1st unit), rein.-con., brick and steel, on 155 acre tract, Bircher and Goodfellow Aves. Private plans.

Tex., San Marcos—ICE PLANT—Texas Power & Light Co., c/o W. C. Merritt San Marcos, takes bids in May, 79 x 167 ft. ice station, tile and brick. $45,000. Private plans.

Calif., Los Angeles—BAKERY—Four S. Packing Co., 1119 West 25th St., had plans prepared by H. S. Heineman, 2608 South Figuero St., 1 story, 130 x 200 ft. bakery with 30 x 200 ft. automobile shed adjoining same, Blimp and Blake Sts. $150,000.

Ont., London—FACTORY—Canada Paper Board Co., 520 King St. W., plans new factory on river bank, foot of Richmond St. $200,000.

Bids Desired

N. H., Manchester—REPAIR and SERVICE GARAGE—See "Contracts Awarded."

Mass., Cambridge (Boston P. O.) — BAKERY — Apr. 25, by Natl. Biscuit Co., 85 9th Ave., New York City, 4 story and basement, 45 x 220 ft., rein.-con., brick and steel, plain foundation, Green and Franklin Sts., here. To exceed $40,000. J. R. Torrance, 85 9th Ave., New York City, archt.

Mass., Wellesley—PLANT—Poors Publishing Co., Babson Park Ave. Extension, taking bids 2 story and basement, brick, plain foundation, Babson Park. $40,000. G. F. Marlowe, 240 Boylston St., Boston, archt.

R. I., Providence—MILL—Atlantic Mills, 120 Manton Ave., taking bids 4 story, brick addition, Manton Ave. $40,000 or more. Private plans.

R. I., Pawtucket—BAKERY—Apr. 23, by New England Bakery Co., J. Collier, pres., rein.-con., brick and steel, Geneva and Dartmouth Sts. $250,000. McCormick & Co., 41 Park Pl., New York City, archts. Noted Apr. 7.

N. J., Newark—PASTEURIZING PLANT—May 1, by W. E. Lehman, archt., 972 Broad St., general contract 2 and 4 story, 30 x 90 x 160 x 360 ft., brick and steel, plain foundation, Orange and Nesbitt Sts., for Bordens Farm Products Co., 110 Hudson St., New York City. $1,000,000.

Pa., Brockway—DRYING PLANT—See "Contracts Awarded."

Pa., Butler — PLANING MILL — See "Contracts Awarded."

Pa., Lansdale—FACTORY—Apr. 23, by Franklin & Conover, archts., Otis Bldg., Phila., 2 story and basement, 41 x 115 ft., rein.-con. and brick, plain foundation, here, for Perfect Foods, Inc., here.

Pa., New Kensington — PLANT — See "Contracts Awarded."

Pa., Salina—FACTORY—See "Contracts Awarded."

Pa., Pittsburgh—SWITCH HOUSE—See "Contracts Awarded."

O., Cleveland—FACTORY—Gas Products Co., S. D. Winger, vice pres. and genl. mgr., 100 North Skidmore St., Columbus, taking bids 1 story, structural steel and corrugated iron, Jennings Rd. and Baltimore & Ohio R.R. tracks, here. $60,000. Private plans. Noted Feb. 24.

Wis., Clintonville—PLANT—See "Contracts Awarded."

Minn., Hibbing—POWER PLANT—Apr. 27, by Water, Light, Power & Building Comn., remodeling and constructing rein.-con. and brick addition. R. D. Thomas & A. P. McDonald, 1200 2nd Ave. S., Minneapolis, engrs.

Neb., Grand Island—POWER PLANT—Apr. 25, by H. E. Clifford, city clk., constructing addition to power plant, incl. super-heaters and complete equipment. $65,000. Pillsbury Eng. Co., 2344 Nicolet Bldg., Minneapolis, Minn., engrs. Noted Feb. 3.

Mo., Neosho — PLANT — See "Contracts Awarded."

Wash., Milton — PLANT — Election Apr. 26, $50,000 bonds, light and water plant.

Calif., Visalia—CREAMERY PLANT—Train & Cressey, archts., Western Mutual Bldg., Los Angeles, taking bids rein.-con., incl. power plant, etc., here, for Knudsen Laboratories, Inc., 1965 Santee St., Los Angeles. To exceed $40,000. Noted Mar. 31.

Contracts Awarded

N. H., Manchester—REPAIR and SERVICE GARAGE—A. L. Gadboro, c/o N. H. Auto Co., 1631 Elm St., will build 2 story 60 x 100 ft., brick, plain foundation, Birch St. $50,000. Work will be done by separate contracts. J. N. Guertin, Beach St., archt. Noted Mar. 24.

Mass., Brighton (br. Boston)—SHOP—Scott Bros., Inc., 1-5 Emery Rd., 1 story, 75 x 100 ft., rein.-con. and steel, plain foundation, to F. J. Gallagher Co., 580 Huron Rd., Cambridge. Archts. est. $40,000.

Mass., Dalton — MACHINE ROOM — Byron Webster Co., 1 story brick and steel addition, plain foundation, etc., to Aberthaw Co., 80 Federal St., Boston. Archts. est. $50,000.

Mass., Haverhill — SWITCHHOUSE — Haverhill Electric Co., 121 Merrimack St., 2 story, 30 x 112 ft., rein.-con., brick and steel addition, to H. G. Brown, 33 South Main St. Archts. est. to exceed $40,000. Noted Mar. 24.

Mass., Milford — REPAIR SHOP, STORAGE and GARAGE—Milford Electric Light Co., 241 Main St., 2 story, brick, plain foundation, to C. C. Temple Co., 99 Chauncy St., Boston. Archts. est. $40,000. Noted Apr. 7.

Mass., Nantucket—GAS and ELECTRIC PLANT—Citizens Gas & Electric Power Co., 56 Main St., 1 and 2 story and basement, brick addition, Crosby Pl., to T. R. Douglas, 22 Saben St., Providence, R. I. To exceed $40,000. Noted Feb. 17.

Mass., Watertown (Ind. br. Boston)—DRY HOUSE and FAN ROOM—Brunsene Co., L. T. Sawyer, Stanley Ave., 1 story and basement, brick, plain foundation, Stanley Ave., to Sawyer Constr. Co., 16 Arlington St., Boston. Archts. est. $50,000. Noted Feb. 24.

Mass., Worcester—FACTORY—Graton & Knight Mfg. Co., C. A. Bartlett, pres., 2 story, rein.-con. and brick, plain foundation, to E. D. Ward Co., 82 Foster St. Archts. est. $40,000 or more.

Conn., Torrington—SERVICE GARAGE and SALES—Torrington Motor Co., South Main St., 2 story, 64 x 160 ft., rein.-con., brick and steel, South Main St., to F. W. Fuller, 79 Main St. Archts. est. $75,000.

Conn., Windsor Locks—PLANT—C. H. Dexter & Sons, 4 story, 80 x 100 ft., rein.-con., to R. G. Bent Co., 93 Edwards St., Hartford. Archts. est. $100,000. Noted Mar. 31.

Pa., Brockway — DRYING PLANT — Brockway Clay Co. will build 4 story, 90 x 120 ft., brick and steel drying plant, here. $50,000. Work will be done by separate contracts. Private plans.

Pa., Butler — PLANING MILL — C. P. Hitchens, archt., Columbia Bank Bldg., Pittsburgh, will build 1 story, 60 x 140 ft., steel and concrete block North Bluff St., for Snow Bros., 108 North Bluff St. $50,000. Work will be done by separate contracts.

Pa., Pittsburgh—SWITCH HOUSE—Duquesne Light Co., 435 6th Ave., will build 5 story, 41 x 72 x 181 ft., concrete, brick and steel switch house, Brunots Island. $1,000,000. Work will be done by separate contracts. Private plans. Noted Mar. 24.

Pa., Salina—FACTORY—Kier Fire Brick Co., Oliver Bldg., Pittsburgh, will build 1 story, irregular shaped, brick and steel addition, here, by day labor. $50,000. Private plans.

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Buildings—Industrial (Continued)

N. J. Newark—LAUNDRY—Troy City Laundry Co., 303 Market St., general contract 1 story, 83 x 100 ft., rein.-con., brick and steel, plain foundation, 14th Ave. and South 12th St., to D. J. Cronin, 713 South Orange Ave. Archts. est. $75,000.

Pa., Coraopolis—BOLT and NUT PLANT—Russell, Berdsall & Ward, Portchester, N. Y., general contract 1 story, irregular shaped, brick and steel plant, here, to Austin Co. Union Trust Bldg., Pittsburgh. Archts. est. $1,000,000.

Pa., New Kensington—PLANT—General Electric Co., Sprague Electric Div., will build 1 story, 58 x 235 ft., brick and steel addition. $50,000. Work will be done by separate contracts. Private plans.

Pa., Phila.—PLANT—W. Spink, River Rd., Manayunk, 3 story and basement, 23 x 108 ft., and 30 x 75 ft., rein.-con. and brick, plain foundation, Flat Rock Rd. and Leverington St., to H. T. Brown, Young and Essex Sts., Woodlyn.

Fla., Jacksonville—ICE PLANT—Jacksonville Ice & Cold Storage Co., 16th St., general contract rein.-con. plant, to C. H. Hornstein, 1523 Walnut St., approximately $45,000.

O., Cleveland — FACTORY — Cleveland Liberty Products Co., A. Primos, pres., 3748 Scovill Ave., 1 story, 80 x 160 ft., brick and steel, East 70th St. and Machinery Ave., to Austin Co., 16112 Euclid Ave. Archts. est. $75,000.

O., Cleveland — FACTORY — Wood & Spencer Co., F. W. Wood, pres., 1930 East 61st St., 1 story, 85 x 150 ft., brick and steel, East 61st St. and Curtis Ave., to S. W. Emerson Co., 1836 Euclid Ave. Archts. est. $80,000.

O., Cleveland — REPAIR SHOP — New York, Chicago & St. Louis R.R., c/o G. Herr, West 3rd St. and St. Clair Ave., 1 story, 38 x 213 ft., brick and steel, 539 East 152nd St., to Hecker-Moon Co., 8701 Union Ave. Archts. est. $60,000. Private plans.

O., Columbus—ADMINISTRATION—International Derrick & Equipment Co., Buttles and Michigan Aves., 3 story and basement, 65 x 126 ft., brick, steel and stone, Michigan Ave., to J. W. Heckart, High-Long Bldg., approximately $110,000.

O., Columbus—POWER HOUSE—J. E. Harper, dir. Dept. Pub. Welfare, 9th and Oak Sts., 1 story, 75 x 100 ft., brick and concrete, for Deaf and Dumb Institution, East Main St., to Middle States Constr. Co., 524 East Hudson St., $32,790. Noted Mar. 3.

Mich., Detroit — FACTORY — Chrysler Corp., Highland Park, 108 x 190 ft., rein.-con., brick and steel factory, to Everett Winters Co., 1651 East Grand Blvd.

Mich., Detroit—FACTORY—Hupp Motor Car Corp., 3641 East Milwaukee St., general contract incl. mechanical trades, two 74 x 300 ft., rein.-con., brick and steel buildings, to Everett Winters Co., 1651 East Grand Blvd.

Mich., Detroit — SERVICE — Argonaut Realty Co., general contract, incl. mechanical trades 3 story, 186 x 200 ft., brick, steel, rein.-con., and stone, Cass Ave. and Amsterdam St., to Everett Winters Co., 1651 East Grand Blvd. Buick Motor Car Corp., General Motors Bldg., lessee.

Ind., Bloomington—MACHINE SHOP and GARAGE—Nash Motor Co., 319 North College St., general contract 2 story, 85 x 130 ft., brick and steel machine shop and garage, to C. F. Pike, Bloomington, Archts. Archts. est. $40,000.

Ind., Ft. Wayne — PLANT — Freiberger Bros., Central Bldg., general contract light manufacturing building, brick and steel, to Buesching-Hagerman, 402 East Superior St. Archts. est. $50,000. Wayne-Cylinder Grinder Co., 722 Rave St., lessee.

Ind., Gary—MILLS—Amer. Sheet & Tin Plate Co., Frick Bldg., Pittsburgh, Pa., superstructure steel mills, brick and steel, to Amer. Bridge Co., 208 South La Salle St., Chicago, Ill.; excavation and foundation, to Great Lakes Constr. Co., 104 South Michigan St., Chicago, Ill. Archts. est. $6,000,000.

Ind., Howe — POWER PLANT — Howe Military School, general contract 1 story, 60 x 100 ft., brick and steel power plant, to F. Hershberger, Middlebury. Archts. est. $50,000.

Ind., Logansport—WAREHOUSE—Motor Oil Co., general contract 1 story and basement, 40 x 130 ft., brick and steel warehouse, to W. H. Hedde, Logansport. Archts. est. $100,000.

Ill., Chicago—FACTORY—Western Electric Co., (owner, archt. and contractor), 22nd and Kenneth Sts., will construct masonry and carpentry work, 1 story, brick addition, 22nd and Kenneth Sts. $400,000.

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Wis., Clintonville — PLANT — Clintonville Milk Co. will build 1 story, 42 x 60 ft., rein.-con., brick and steel plant, plain foundation, by day labor. $40,000. Private plans.

Ia., Waterloo — PACKING PLANT — Rath Packing Co., rein.-con. extension to loading department of plant, Elm and Sycamore Sts., to H. A. Maine Constr. Co., 305 Marsh Place Bldg. Archts. est. $50,000. Noted Sept. 23.

Minnesota — MAINTENANCE — Dept. Administration & Finance, St. Paul, brick maintenance buildings at Crookston, Morris and Wilmar, to Dickinson & Bredeson, Bemidji, $55,746; and Duluth, to Pfeffer Constr. Co., 402 Builders Exch. Bldg., Duluth, $24,861, for State Hy. Comn., 1246 University Ave., St. Paul. Noted Mar. 24.

Mo., Kansas City — BAKERY — Purity Baking Corp., 118 West 47th St., general contract 2 story and basement, 114 x 171 ft., rein.-con. and brick bakery, to Fogel Constr. Co., 600 Reliance Bldg. Archts. est. $100,000.

Mo., Neosho — PLANT — Pet Milk Co., Arcade Bldg., St. Louis, will build 1 and 2 story, 185 x 265 ft., rein.-con. and brick condensery, here, by day labor, under supervision C. H. Hug, supt. constr. $250,000. Noted Dec. 30.

Tex., Corpus Christi — COTTON COMPRESS—Aransas Compress Co., c/o J. H. Cain, pres., 1 story, 260 x 1116 ft. compress, wood pile foundation, to L. T. Wright & Co., 910 Builders Exch. Bldg., San Antonio, $289,507.

Calif., Marysville—DAIRY—Marysville-Yuba Dairy Co., 1 story, rein.-con., 9th and E Sts., to I. C. Evans, Marysville, approximately $45,000.

Calif., Oakland — FACTORY — General Electric Co., 5441 East 14th St., 200 ft. rein.-con. factory extension, East 14th St., to Foundation Co., Kohl Bldg., San Francisco; structural steel to California Steel Co., Hobart Bldg., San Francisco. Archts. est. to exceed $150,000.

N. S., Halifax — COLD STORAGE PLANT — Dept. Agriculture, Ottawa, Ont., constructing 1,000,000 cu.ft. modern cold storage plant, here, Nova Scotia Pub. Fish & Cold Storage Terminals Ltd., Halifax. $2,250,000. Noted Apr. 8, 1926.

Ont., Guelph — STOVE FACTORY — T. Eaton Co. Ltd. (subsidiary Guelph Stove Co.), Yonge and Queens Sts., Toronto, altering and constructing brick, steel and concrete factory additions, masonry and carpentry contract to M. Balconi, 23 Morris St.; structural steel, to McGregor & McIntyre, 1139 Shaw St., Toronto; electrical work, to F. I. Martin, 51 Cork St.; and sprinklers to Sheppard & Abbot, 119 Harbord St., Toronto. Engrs. est. $50,000.

Buildings—Educational, Religious

Proposed Work

Mass., Boston—SCHOOL—City Schoolhouse Dept., plans brick, granite, and limestone addition, plain foundation. $150,000 appropriated. Engineer and architect not selected.

Mass., Brighton (Boston P. O.)—HIGH SCHOOL—City Schoolhouse Dept., Boston, having sketches made by O'Connell & Shaw, 134 Newbury St., Boston, 3 story and basement, brick and limestone, plain foundation, Bennett Dist. here. $200,000.

Mass., Cambridge (Boston P. O.) — SCHOOL—St. Peters Roman Catholic Parish, 31 Buckingham St., having revised plans prepared by W. B. Colleary, 80 Boylston St., Boston, 3 story and basement, 80 x 180 ft., brick and stone, plain foundation, Buckingham St. $175,000. Former bids rejected. Noted Mar. 31.

Mass., Charlestown (sta. Boston) — SCHOOL—City of Boston, Schoolhouse Dept., plans 3 story and basement, brick, granite and limestone, plain foundation, Bunker Hill Dist. $200,000. Engineer and architect not selected.

Mass., Mattapan (sta. Boston)—SCHOOL—City of Boston, Scoolhouse Dept., plans 2 story and basement, brick, limestone and granite, plain foundation, Edmund Tileston Dist., here. $150,000. Engineer and architect not selected.

Mass., North Adams—CHURCH—Methodist Episcopal Church, raising $150,000 funds, church. Engineer and architect not selected.

Mass., North Cambridge (mail Cambridge)—CHURCH, CONVENT and HISTORY—Immaculate Conception Parish, F. Manning, pastor, raising funds to exceed $150,000, church, convent and rectory, Tannery St. Engineer and architect not selected.

Mass., Revere—HIGH SCHOOL—Schoolhouse Bd., City Hall, having plans prepared by I. Richmond, 248 Boylston St., Boston, brick and steel addition to Garfield Junior High School. To exceed $150,000. Noted Mar. 24.

Mass., Roxbury (sta. Boston)—SCHOOL—City of Boston, Schoolhous Dept., plans probably brick and limestone school, here. $600,000. Engineer and architect not selected.

Conn., Elmwood (br. West Hartford)—SCHOOL—Town, West Hartford, School Bd., Town Hall, having plans prepared by R. F. Barker, 43 Farmington Ave., Hartford, 2 story and basement, 62 x 205 ft., brick and steel school, incl. auditorium, here. $250,000.

Conn., Hartford — SCHOOL — City, c/o Northwest Dist., H. U. Tuttle, having plans prepared by W. D. Johnson Co., 174 Bond St., 3 story, 72 x 115 ft., brick and steel addition, Holcomb St. $250,000.

Conn., New Britain — SCHOOL — City School Bd. plans new school, Oak Allen, Derby and Vincent Aves. $150,000 or more. Engineer and architect not selected.

N. J., Bergenfield—SCHOOL—Bd. Educ. soon lets contract Clinton Ave., School 4, Hickory Ave. $500,000. E. Sibley, Bluff Rd., Palisade, archt.

N. J., Dumont—HIGH SCHOOL—Bd. Educ. having preliminary plans prepared by Hacker & Hacker, 1012 Palisade Ave., Palisade, 2 story, 100 x 250 ft., brick and steel, plain foundation, New Medford Ave. $450,000.

N. J., Mays Landing—SCHOOL—Hamilton Twp. Bd. Educ. having plans prepared by S. H. Vaughn, Guarantee Trust Bldg., Phila., Pa., high school. $180,000.

N. J., Oradell — HIGH SCHOOL — Bd. Educ. having plans prepared by Coffin & Coffin, 522 5th Ave., New York City, 3 story, brick and steel, plain foundation. $350,000.

Pa., Chambersburg — DORMITORY and RECITATION — Wilson College having plans prepared by Ludlow & Peabody, 101 Park Ave., New York City, two 3 story and basement, rein.-con. and stone dormitory and recitation buildings. $250,000.

Pa., Immaculata — COLLEGE — Villa Marie College having plans prepared by P. Monaghan, 1520 Locust St., Phila., 4 story and basement, 45 x 204 ft., rein.-con., stone, granite and limestone addition, plain foundation.

Pa., Morganza — ADMINISTRATION — Pennsylvania Training School, W. F. Penn, supt., having plans prepared by E. Fisher Wood & Co., Hardy Hays Bldg., Pittsburgh, 2 and 3 story and basement, irregular shaped, brick and steel administration building. $400,000.

Pa., North Braddock (Braddock P. O.)—HIGH SCHOOL—School Dist. of North Braddock having revised plans prepared by Carlisle & Sharrer, Martin Bldg., Pittsburgh, Junior High School, 2 story and basement, irregular shaped, here. $250,000. Former bids rejected. Noted Apr. 7.

Ala., Birmingham — SCHOOLS — Voted $3,500,000 bonds, improving and constructing schools. Noted Mar. 17.

Ky., Berea — SCIENCE HALL — Berea College having plans prepared by Gray & Lawrence, New Haven, Conn., 3 story and basement, 45 x 95 ft., concrete and brick, plain foundation, on campus. $150,000.

Steam heating, laboratories, flooring, roofing, metal lath, etc.

O., Cleveland Heights (br. Cleveland) — PARISHHOUSE—Walker & Weeks, archts., 2341 Carnegie Ave., Cleveland, soon lets contract 2 story and basement, 72 x 142 ft., stone, concrete and steel, Coventry Rd. and Fairmount Blvd., here, for St. Pauls Episcopal Church, W. R. Breed, pastor, 4108 Euclid Ave., Cleveland. $175,000.

Ill., Chicago — NURSES HOME — City voted $500,000 bonds, new nurses home at contagious disease hospital. W. E. Dever, mayor.

Ill., East St. Louis—SCHOOLS—Voted $300,000 bonds, two 3 story rein.-con., brick and stone school buildings, for Bd. Educ., J. S. Pidgeon, 600 St. Louis Ave., secy.

Ill., Rockford—CHAPEL and COLLEGE—Rockford College, College Ave., W. A. Maddox, pres., plans library and 800 seating capacity chapel, Morgan and Seminary Streets. $260,000. Engineer and architect not selected.

Wis., Milwaukee—NURSES HOME—St. Marys Hospital, c/o Sister Dolores, 144

Buildings—Educational, Religious (Cont.)

Lake Dr., soon takes bids 5 story and basement, rein.-con., brick and Bedford stone, concrete foundation, here. $500,000. O'Meara & Hills, 1705 Arcade Bldg., St. Louis, Mo., archts. Noted Jan. 27.

Kan., Cherryvale—HIGH SCHOOL—Bd. Educ. having plans prepared by J. H. Felt & Co., 300 West 47th St., Kansas City, Mo., rein.-con. and brick high school. $150,000 bonds voted. Noted Mar. 24.

Kan., Dodge City—SCHOOL—Bd. Educ. soon lets contract 2 story and basement, 140 x 193 ft., rein.-con., brick and cast stone with alternate on terra cotta school. Man & Co., 722 Rorabaugh-Wiley Bldg., Hutchinson, archts. Noted Mar. 17.

Neb., Nebraska City—HIGH SCHOOL—Election soon $150,000 bonds, Junior High School, 3 story and basement, rein.-con. and brick, for Bd. Educ. J. H. Felt & Co., 300 West 47th St., Kansas City, Mo., archts.

Minn., Collegeville — COLLEGE AUDITORIUM—St. Johns University takes bids about May 1, 1 story and basement, rein.-con., brick and stone auditorium, 700 seating capacity, here. $200,000. Omeara & Hills, 1705 Arcade Bldg., St. Louis, archts. Noted Jan. 13.

Minn., Mankato — SCHOOLS — Voted $400,000 bonds, Junior High and grade schools, for Bd. Educ. Noted Mar. 17.

Minn., Minneapolis — SCHOOL and CHURCH—Lutheran Bible Institute, S. Miller, dean, Hamline and Capitol Aves., St. Paul, having plans prepared by A. Wahlstrom, 1200 2nd Ave. S., 12 story and basement, rein.-con. and brick, Portland Ave. and 17th St. $500,000.

Minn., St. Paul — HIGH SCHOOL and RESIDENCE — Archdiocese of St. Paul, c/o A. Dowling, pastor, soon takes bids 2 story, rein.-con., brick and stone high school, and 3 story brothers residence, here. $400,000. O'Meara & Hills, 1705 Arcade Bldg., St. Louis, Mo., archts. Noted Jan. 27.

Minn., St. Paul — SCHOOL — Christian Brothers, 204 West 5th St., soon lets general contract, incl. excavation, brick and carpentry work, 2 and 3 story and basement, U-shaped, rein.-con., brick and stone, 1458 Randolph St. $400,000. O'Meara & Hills, 1611 Pioneer Bldg., archts. Noted Dec. 2.

Minn., Winona — SCHOOL — Bd. Educ. soon takes bids 2 story and basement, 100 x 200 ft., rein.-con. and brick addition, here. $250,000. W. B. Ittner, 911 Locust St., archt. Noted Apr. 7.

Mo., St. Louis — CHURCH — St. James Roman Catholic Parish, c/o P. J. O'Connor, pastor, 1360 Tamm Ave., soon takes bids 1 story and basement, rein.-con. and stone, concrete foundation, Tamm Ave., $150,000. O'Meara & Hills, 1705 Arcade Bldg., archts. Noted Feb. 10.

Mo., St. Louis—SCHOOL—Bd. Educ., 911 Locust St., postponed indefinitely taking bids 3 story, 18 room, rein.-con., brick and stone, Vanderventer Ave. near Shaw Ave. $350,000. R. M. Milligan, comr. and archt. Noted Feb. 17.

Ark., Batesville — COLLEGE — Arkansas College, E. B. Tucker, pres., having preliminary plans prepared by Witt, Seibert & Halsey, Texarkana Natl. Bank Bldg., Texarkana, rein.-con., brick and stone administration, conservatory, dormitory and gymnasium buildings. $750,000. Noted Apr. 7.

Ark., McGehee—HIGH SCHOOL—McGehee School Bd., W. A. McGehee, secy., soon lets contract 3 story, 12 room and cafeteria, etc., concrete and brick high school. $160,000. M. Selligman, 206 Pine St., Pine Bluff, archt. Noted Jan. 6.

Tex., Dallas — LIBRARY — Southern Methodist University, C. C. Selecman, pres., soon takes bids library, on campus. $300,000. Engineer and architect's names withheld.

Okla., Wetumka — CHURCH — R. B. Knight, Wetumka, soon lets contract 2 story and basement, 88 x 116 ft., rein.-con. and brick, plain foundation, Grand St., for Baptist Church. $160,000.

Ore., Portland—SCHOOLS—School Dist. 1 having plans prepared by G. H. Jones, 7th and Clackamas Sts., and soon takes bids Sabin Grade School, 17th and Beech Sts.; and Llewelyn Grade School, 1295 East 14th St., both rein.-con. and brick. Each to exceed $200,000.

Calif., Alhambra—SCHOOLS—Bd. Educ. defeated $518,000 bonds, elementary schools; also $490,000 bonds, high school. Noted Mar. 24.

Calif., Campbell — HIGH SCHOOL — Campbell Union High School Dist., defeated $250,000 bonds, high school. Noted Feb. 10.

Calif., Compton — SCHOOLS — Compton School Dist. having preliminary plans prepared by F. M. Goodwin, Stockwell Bldg., 2 grammar schools. $150,000.

Calif., Fullerton—CHURCH—First Methodist Church, C. A. Kent, rector, plans church. $175,000.

Calif., Huntington Park—HIGH SCHOOL—Huntington Park Union High School Dist. voted $650,000 bonds, new high school and additions to present structures. Noted Feb. 10.

Calif., Laguna Beach — SCHOOLS — Laguna Beach School Dist. plans election $150,000 bonds, new grammar school and additions to present buildings.

Calif., Los Angeles — CHURCH and TEMPLE—Church of Latter Day Saints plans fireproof church $200,000, and temple $750,000-$1,000,000, on 220 x 450 ft. site, Manhattan Pl. and Country Club Dr.

Calif., San Diego—SCHOOL—San Diego School Dist. defeated $4,350,000 bonds, improving schools. Noted Mar. 10.

Calif., Sanger—HIGH SCHOOL—Sanger High School Dist. defeated $198,000 bonds, high school. Noted Mar. 10.

Calif., South Pasadena—HIGH SCHOOL—Plans election $350,000 bonds, Junior High School.

Ont., Sandwich—SCHOOL—Pub. School Bd. having plans prepared by Pennington & Boyd, Bartlett Bldg., Windsor, 2 story and basement, rein.-con., brick and steel, Peter St. $150,000.

Ont., Sandwich—SCHOOL—Pub. School Bd. having plans prepared by Nichols, Shepherd & Masson, Equity Chambers, Windsor, 2 story and basement, probably 8 room, rein.-con., brick and steel addition to Prince of Wales School, plain foundation. $150,000.

Ont., Toronto — COLLEGE — McMaster University, 273 Bloor St. W., plans 3 story and basement, rein.-con., brick and steel additional buildings, Bloor St. $300,000. Engineer and architect not selected.

Ont., Toronto—COLLEGE—St. Michaels College, 50 St. Joseph St., plans brick, rein.-con. and steel buildings, St. Joseph St. $350,000. Engineer and architect not selected.

Que., St. Hyacinthe—CHURCH—College of St. Hyacinthe having plans prepared by M. A. Audette, Sherbrooke, church. $250,000.

Bids Desired

Me., Vassalboro — DORMITORY — Oak Grove Seminary, R. D. Owen, taking bids 3 story and basement, 45 x 150 ft. girls dormitory, rein.-con. and brick, plain foundation. $180,000. Price & Walton, 119 South 4th St., Phila., Pa., archts.

Mass., Boston — SCHOOL — St. Laxarus Parish, L. Toma, pastor, 12 North St., taking bids 2 story and basement, brick and stone, plain foundation, Ashley St. $150,000. H. B. Casole, c/o owner, archt.

Mass., Cambridge (Boston P. O.) — STORES and SCHOOL — Manter Hill School, Inc., Holyoke St., taking new bids 3 story and basement, brick and stone, plain foundation, Holyoke St. C. H. Way, 6 Beacon St., Boston, archt. Noted Mar. 24.

Mass., Lynn — CHURCH — Swedish Baptist Church, 22 Hanover St., taking bids 1 story and basement, brick and stone, plain foundation, Hanover St. $150,000. G. A. Cornet, 10 Central Ave., archt.

Mass., Medway—HIGH SCHOOL—Town, School Bd., taking bids 2 story and basement, brick and stone addition, plain foundation. $150,000. W. Phillips, Milford, archt.

Mass., Sandwich—SCHOOL—Town, S. M. Beale, chn. School Building Com., taking bids 2 story and basement, brick and stone, plain foundation, Falmouth Rd. $150,000. Former bids rejected. Derby & Robinson, 3 Joy St., Boston, archt. Noted Dec. 30.

Conn., New Britain—SCHOOL—Apr. 25, by City, J. M. Halloran, chn., 2 story and basement, 115 x 158 ft., rein.-con., brick and steel, incl. gymnasium, Clinton St. $200,000. Warren-Holmes-Powers Co., Capital Loan Bldg., Lansing, Mich., archt. Noted Mar. 24.

N. Y., Albany—SCHOOL—Apr. 25, by H. P. Weber, archt., 835 Washington Ave., brick, steel and concrete, Sheridan Ave. between Lexington Ave. and Robin St., for Our Lady of Angels Roman Catholic Church. $250,000. Noted Feb. 24.

N. Y., Brooklyn—SCHOOL—Apr. 27, by W. H. Gompert, supt. school buildings, Flatbush Ave. extension and Concord St., addition to P. S. 104, 92nd St. and 5th Ave., for Bd. Educ., 500 Park Ave., New York City. Noted Dec. 17, 1925.

N. Y., Springfield (Jamaica P. O.)—SCHOOL—Apr. 26, by W. H. Gompert, supt. school building, Flatbush Ave. extension and Concord St., Brooklyn, P. S. 37, Belknap St. from 136th to 137th Sts., here, for Bd. Educ., 500 Park Ave., New York City. Noted Mar. 24.

N. Y., Syracuse — GYMNASIUM — Apr. 25 (extended date), by Bd. Contr. & Supply, 2 story and basement, 120 x 120 ft., rein.-con. and steel, plain foundation, 210 Pond St. for Bd. Educ. $150,000. Randall & Vedder, S. A. & K. Bldg., archts. N. F. Pitts, Jr., City Hall, engr. Noted Apr. 7.

N. J., Ridgewood—SCHOOL—Apr. 25, by Bd. Educ., 1 Franklin Ave., 1 story, 125 x 140 ft., brick and steel, plain foundation, Morningside Ave. $150,000. Fanning & Shaw, 49 Ward St., Paterson, archts. Noted Apr. 7.

N. J., Cranford—SCHOOL—Apr. 26, by Bd. Educ., 109 Union Ave., 2 story, brick addition, Centennial Ave. $250,000. H. B. Brady, Inc., 333 North Broad St., Elizabeth, archt.

N. J., Jersey City—SCHOOL—F. Ricker, archt., 685 Hudson Ave., West New York.

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Buildings—Educational, Religious (Cont.)

taking bids general contract altering and constructing 3 story, brick addition, plain foundation, Ferry St., here, for St. Nicholas Church, 118 Ferry St. $150,000. Noted Mar. 31.

Md., Baltimore — ART MUSEUM — Apr. 27, by Bd. Awards, 2 story and basement, 100 x 192 ft., brick, steel and stone, plain foundation, Charles St. and Gwynn Falls Parkway. $900,000. J. R. Pope, 542 5th Ave., New York City, archt. Noted Feb. 10.

O., Columbus—HIGH SCHOOL—May 12, by Bd. Educ., Junior and Senior High School, 3 story and basement, 180 x 300 ft., brick and stone, Olive and Powell Sts. $795,000. H. D. Smith, 270 East State St., archt. Excavation contract for above, to E. Elford & Son, 555 Park St., $57,750.

Ill., Chicago—SCHOOLS—Bd. Educ., 650 South Clark St., J. E. Byrnes, bus. mgr., taking bids and opens same about May 5, eight 3 story, brick school buildings, one at Montrose Ave., one at Newport and Central Aves., one at 101st St. and Forest Ave., one 90th and Elizabeth Sts., one Palestine, Raven, Natoma and Normandy Sts., one at Rosemont and Leavitt Sts., one at 76th and Lincoln Sts., and other at 69th St. and Washtenaw Ave. $500,000 each. J. C. Christensen, 650 South Clark St., archt.

Contracts Awarded

Me., Bangor — SCHOOL — St. John's Roman Catholic Church, general contract 3 story and basement, 150 x 300 ft., brick and stone, plain foundation, Bway., Somerset and York Sts., to R. Kennedy, 270 Middle St., Portland. Archts. est. to exceed $150,000. Noted Mar. 10.

Mass., Medford (Boston P. O.) — CHURCH — St. James Roman Catholic Church, A. Murphy, pastor, Fellsway Corner 4th St., 1 story and basement, 60 x 160 ft. rein.-con., Fellsway, to Walsh Bros., 150 Hampshire St., Cambridge. Archts. est. $150,000.

Mass., Salem—CONVENT—St. Josephs Parish, H. P. Grenier, 135 Lafayette St., 2 story and basement, brick, plain foundation, Harbor St., to J. Gourdeau, 69 Ocean Ave. Archts. est. $150,000. Noted Mar. 10.

Conn., Hartford — CHURCH — Second Church Christ, superstructure 1 story and basement, 75 x 126 ft., brick, steel and limestone, Lafayette St., to Porteus-Walker Co., 13 Forest St. Archts. est. $250,000. Noted Mar. 3.

N. Y., Alexandria Bay—SCHOOL—Bd. Educ., 2 story, brick, steel and stone, Walton Ave., to C. E. Deline, Jefferson Bank Bldg., Watertown. Archts. est. $300,000. Noted Dec. 2.

N. Y., Brentwood—CHAPEL and CONVENT—Sisters of St. Joseph, 4 story and basement, rein.-con., brick and stone, plain foundation, to H. A. Harris, 16 East 43rd St., New York City. Archts. est. $1,250,000.

N. Y., Brooklyn — APARTMENT — Solomon Silk (owner and contractor) 41st St. and 5th Ave., will build 9 story and basement, 100 x 56 ft., brick and steel, plain foundation, 52 Clark St. $1,000,000.

N. J., Newark — CHURCH — Grace Church, Broad and Walnut Sts., 3 story and basement, brick and steel, to W. F. Wonderly & Co., 9 Camp Pl. Archts. est. $200,000.

N. J., Westfield—SCHOOL—Bd. Educ., general contract 2 story, brick, steel and stone, plain foundation, to F. and C. Haenter, 769 Dewey Ave., West New York, $143,585. Noted Feb. 3.

Pa., Phila.—NURSES HOME—W. Krusen, dir. Dept. Pub. Health, City Hall, general contract 5 story and basement, 124 x 134 ft., rein.-con., brick, terra cotta, limestone and granite, plain foundation, 34th and Pine Sts., to D. Lutz Co., 23rd and Chestnut Sts., $348,700; plumbing, to N. Connolly, 1404 North 18th St. $63,333; and heating, to Combination Equipment & Eng. Co., 2130 Locust St. $32,392. Grand total $444,425. Noted Mar. 31.

Pa., Phila.—SCHOOL—Bd. Educ., J. D. Cassell, supt. buildings, 19th and Chestnut Sts., general contract 3 story and basement, 126 x 134 ft., rein.-con. and brick, plain foundation, Pratt and Mulberry Sts., to McCloskey Co., 1620 Thompson St., $379,790; heating, to McClintock & Co., 5608 Race St., $37,286; and plumbing, to S. Faith & Co., 2427 Penn Ave., $27,697. Grand total $444,773. Noted Mar. 31.

O., Ashtabula — SCHOOL — St. Joseph Roman Catholic Church, M. O'Brien, pastor, 474 Lake Ave., 2 story and basement, 80 x 160 ft., brick, steel and concrete, to Johnson & Erickson, Ashtabula. Archts. est. $150,000.

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O., Bedford—CHURCH—H. W. Maurer, archts., 5706 Euclid Ave., Cleveland, 2 story and basement, 47 x 75 x 101 ft., brick, to F. Crockett, 7407 Lawnview Ave. Archts. est. $150,000. Noted Mar. 17.

O., Genoa—HIGH SCHOOL—Bd. Educ., R. E. Camper, clk., brick, steel and concrete high school, to Steinle Wolf Constr. Co., Tremont, $135,000.

O., Shaker Heights (br. Cleveland)—SCHOOL—Bd. Educ., J. W. Main, clk., 3 story and basement, brick, steel and concrete, South Woodland and Woodbury Rds., to C. Peterson Constr. Co., 4500 Euclid Ave., Cleveland.

O., Youngstown — JEWISH CENTER — Anshe Emeth Temple, modern Jewish Center, to Katzman Constr. Co., Youngstown, $150,000.

Ind., South Bend—CHURCH—Lady of Hungary Church, G. Gyorfy, pastor, 829 West Calvert St., general contract 2 story and basement, 90 x 125 ft., rein.-con., brick and steel, to S. F. Papay, 604 Cleveland St. Archts. est. $150,000.

Mich., Flint — HIGH SCHOOL — J. W. McCue, secy. Bd. Trustees Union School Dist., 909 Flint P. Smith Bldg., 3 story and basement, 66 x 350 ft., rein.-con., steel and stone, plain foundation, McClellan St., to Jacobson Bros., 401 Columbia Bldg., Duluth, Minn., $600,000. Noted Mar. 10.

Mich., Grosse Pointe (br. Detroit)—SCHOOL—School Dist. 2, c/o G. J. Haas, archt., 2231 Park Ave., Detroit, 2 story and basement, rein.-con., brick and steel, plain foundation, Lake Shore Rd., to F. N. Cooper Co., 6370 Gratiot Ave., Detroit. Archts. est. $200,000.

Ill., La Grange — SCHOOL — Childs & Smith, archts., 720 North Michigan Ave., Chicago, general contract 2 story and basement, 80 x 119 ft., rein.-con., brick and steel, Raymond and Shields Aves., here, to E. Larchibald, 111 West Washington St., Chicago, for Bd. Educ. Archts. est. $190,000. Noted Mar. 17.

Ill., Oak Park — SCHOOL — Childs & Smith, archts., 720 North Michigan Ave., Chicago, general contract Horace Mann School, 3 story, 88 x 169 ft., rein.-con. and brick, Division St., here, to A. S. Carson, Oak Park, for Bd. Educ. Archts. est. $275,000. Noted Mar. 17.

Ill., Rock Island—DORMITORY—Hamilton, Fellows & Wilkinson, archts., 814 Tower Court, Chicago, general contract 4 story, 70 x 159 ft., rein.-con. and stone, plain foundation, here, to W. L. Yokum, Dubuque, Ia., for Augustana College. Archts. est. $175,000. Noted Mar. 10.

Ill., Woodriver—HIGH SCHOOL—Woodriver-East Alton Community High School Dist., L. G. Osborne, pres., general contract 3 story, rein.-con. and brick addition, to Fahrig & Windrup, Edwardsville, $161,865; heating and ventilating, to Eichler Heating Co., Railway Exch. Bldg., St. Louis, Mo., $50,000. Noted Feb. 17.

Wash., Yakima—HIGH SCHOOL—J. W. Maloney, archt., Yakima, for Junior High School, 29 room, to L. S. Rose, Yakima, for School Bd. $243,350. Noted Jan. 6.

Calif., Sacramento—CHURCH—Dean & Dean, archts. City Library Bldg., rein.-con., 13th and N Sts., to Campbell Constr. Co., 800 R St., for Westminster Presbyterian Church. Approximately $250,000. Noted Apr. 7.

Calif., San Bernardino — SCHOOL — Trustees San Bernardino Valley Junior College Dist., general contract Junior College, rein.-con. to Bakker & Robinson, San Bernardino, $255,835. Noted Apr. 7.

Ont., Sandwich—COLLEGE—Assumption College, general contract 3 story and basement, 65 x 224 ft. with tower, 100 ft. high, brick, steel and stone, to Dickie Constr. Co. Ltd., 17 Yorkville Ave., Toronto, $264,000. Noted Mar. 10.

Ont., Toronto—HIGH SCHOOL—York Twp., High School Bd. masonry contract, etc. 2 story and basement, concrete, brick and steel, to Venn & Evans, 127 Mavety St. Archts. est. $175,000.

Federal Government Work

Proposed Work

Calif., San Diego — Cooling Towers — Spec. 5342 and 5306—Pub. Wks. Officer, Headquarters 11th Naval Dist., foot Bway., plans two cooling towers, circulating pumps, etc., for Naval Operating Base, here, one for compressor plant (Destroyer Base) and one for refrigeration plant (Marine Corps Base.)

Bids Desired

N. Y., New York—Ferry Racks—May 15, by Treas. Dept., at office Supervising Archt., Wash., D. C., rebuilding Ellis Island Ferry Racks, at U. S. Barge office, here; adv. E. N.-R. Apr. 21.

N. Y., St George—Acetylene Cylinders—Apr. 28, by Superintendent Lighthouses, Staten Island, 200 acetylene cylinders, 85 cu.ft.

Pa., Pittsburgh—Lock Gate—May 15, by U. S. Engineer Office, furnishing and delivering lower lock gate for Lock 2, Allegheny River; adv. E. N.-R. Apr. 21.

Delaware—Dredging—May 16, by U. S. Engineer Office, Wilmington, dredging Smyrna and Little Rivers; adv. E. N.-R. Mar. 21.

Ala., Florence—Steel Caisson—May 4, by U. S. Engineer Office, furnishing, fabricating and delivering material one steel caisson for Wilson Dam, Tennessee River, here; adv. E. N.-R. Apr. 21.

Tenn., Memphis—Barges—May 14, by Mississippi River Comn., 1st and 2nd Dists., 12 steel barges; adv. E. N.-R. Apr. 21.

O., Cleveland—Superstructure—May 20, by U. S. Engineer Office, Buffalo, N. Y., removing old timber-stone superstructure and constructing concrete superstructure on East 9th St. Government Wharf, here; adv. E. N.-R. Apr. 21.

Ill., Chicago — Quarters — May 31, by Treas. Dept., at office Supervising Archt., Wash., D. C., constructing Medical Officer Quarters Building 9, Junior Medical officers Building 10, Attendants Building 11, Nurses and Pharmacists Building 12; adv. E. N.-R. Apr. 21.

Wyoming—Cross Arms, etc.—May 15, at office Chief Civil Engineer, Yellowstone Park, cross arms, electric wire, insulators, plumbing, heating, etc. for various national parks and monuments. A. E. Demaray, acting dir. Natl. Park Serv.; adv. E. N.-R. Apr. 21.

Montana—Gates—May 20, by Bureau Reclamation, Denver, Colo., O. W. Pond, acting comr., two 5 x 5 ft. high pressure emergency gates and 72 in. circular semi steel conduit linings for Gibson Dam, Sun River Project, here; adv. E. N.-R. Apr. 21.

New Mexico and Texas—Gates—May 17, at office Bureau Reclamation, P. W. Ford, acting comr., Denver, Colo., 11 radial gates and 2 gate hoist systems, for Riverside Canal Headworks and Sluiceway, Rio Grande Project, here; adv. E. N.-R. Apr. 21.

California — Road — Apr. 27, by C. H. Sweetser, dist. engr. Bureau Pub. Roads, Sheldon Bldg., San Fnacisco, grading and crushed rock surfacing 8,100 cu.yd. southwest entrance Lassen Volcanic Park, in Tehama and Shasta Counties.

Calif., Mare Island—Compressor—Spec. 5360—Apr. 27, by Bureau Yards & Docks, Navy Dept., Wash., D. C., 6 ton ammonia compressor, single acting, automatic control with gages, thermometers, electric motor, belt drive, starting panel, all installed and inter-connected with existing equipment with foundation.

Contracts Awarded

Fla., Jupiter—Garage, etc.—Spec. 5292—Bureau Yards & Docks, Navy Dept., Wash., D. C., combination garage, storehouse and warehouse at Naval Radio Station, here, to Newport Contg. & Eng. Co., Silsby Bldg., Newport News, Va. $4,200. Noted Mar. 3.

Ill., Rock Island—Dredging—U. S. Engineer Office, Chicago, dredging in Beaver Slough, here, to McWilliams Dredging Co., 332 South Michigan Blvd., Chicago, $65,660.

Unclassified

Proposed Work

Tunnel—Tampa, Fla.—See "Bridges."

Stadium—Muskegon, Mich.—Bd. Educ., Hackley School Bldg., making plans concrete and steel stadium, 6,000 seating capacity, incl. 2 steam rooms and toilet rooms, on Sanford St. side of Hackley Athletic Field. $75,000. Osborn Eng. Co., 7016 Euclid Ave., Cleveland, O., engrs.

Gas Mains—Detroit, Mich.—Detroit City Gas Co., Clifford St., made plans approximately 10,700 ft. 24 in. gas main in Six Mile Rd., and 5,500 ft. 16 in. gas main in Cliff, Nevada and Packard Aves. $30,000. Private plans.

Subway — Bloomington, Ill. — See "Bridges."

Street Lighting — Chicago, Ill. — Voted $1,700,000 bonds, extending street lighting system. W. E. Dever, mayor.

Playgrounds and Beaches—Chicago, Ill.—City voted $1,000,000 bonds, acquisition.

Unclassified (Continued)

improvement, and equipment of playgrounds, parks and beaches. W. E. Dever, mayor.

Swimming Pool — Newton, Ia. — See "Buildings—Commercial."

Grain Elevator—Hutchinson, Kan.—William Kelley Milling Co. having plans prepared by Jones, Hettelsater Constr. Co., archts. and engrs., 708 Mutual Bldg., Kansas City, Mo., 8 rein.-con. storage tanks. $40,000.

Swimming Pool — Fargo, N. D. — City rejected proposal to issue $50,000 bonds Apr. 5, swimming pool. A. R. Watkins, city aud. Noted Jan. 20.

Subway—Springfield, Mo.—Voted $90,000 bonds, subway at National Ave. and St. Louis and San Francisco R.R. tracks. S. R. Fisher, city engr. Russell & Axon, 404 McDaniels Bldg., consult. engrs. Noted Mar. 24.

Gas Pipe Line—Texas—Owner, c/o Ford, Bacon & Davis, engrs., 1155 Bway., New York City, N. Y., making surveys 70 mi. probably 10 in. natural gas pipe line from Coleman Co. through Ballinger to San Angelo, here. $300,000.

Oil Pipe Line — Oklahoma — Magnolia Petroleum Co., Beaumont, Tex., made plans 29,000 lin.ft. 6 in. pipe line from Wrightsman Oil Fields to Pearson, here. $50,000. Private plans.

Gasoline Plant — Chandler, Okla. — Magnolia Petroleum Co., Beaumont, Tex., plans casing head gasoline plant, incl. 2 gas engines and compressors, near here. $35,000. Private plans.

Lighting System — Holdenville, Okla. — Voted $28,000 bonds, new "White Way" lighting system for entire city. C. H. Edge, Holdenville, engr.

Grain Elevator — Kelso, Wash. — Kelso Port Comn. having plans prepared by J. S. Metcalf Co., Ltd., 111 West Jackson Blvd., Chicago, Ill., grain elevator. $380,000.

Gas Holder—Long Beach, Calif.—C. S. Henderson, city mgr., taking new bids 10,000,000 cu.ft. gas holder. Former bids rejected. Noted Apr. 21.

Transit Shed—Los Angeles, Calif.—Los Angeles Harbor Comm., F. Nicholson, harbor engr., having plans prepared 1 story, 120 x 900 ft., steel transit shed, Berth 228—D and E. To exceed $40,000. Eng. Dept. Owners, engrs.

Stadium—Pasadena, Calif. — Tournament of Roses Assn., 90 South Raymond St., having plans prepared by M. Hunt, Hibernian Bldg., Los Angeles, constructing concrete and timber grandstand addition. $150,000.

Ice Skating Rink—San Francisco, Calif.—Pacific Coast Amusement Co., Phelan Bldg., plans constructing ice skating rink, Civic Center Dist.

Grain Elevator—Halifax, N. S.—J. Malcolm, Minister Trades & Commerce, Ottawa, Ont., soon takes bids grain elevator, here, for Federal Govt. $185,000 voted.

Electric Light Traffic System—Quebec, Que.—City plans purchasing and erecting electric lighted traffic control system. $15,000. J. A. Tremblay, Quebec, engr.

Street Railing—Quebec—Quebec Power Co., Quebec City, soon takes bids extending 9 mi. street railing from Quebec City to Lorretteville. $300,000.

Asphalt Plant — Quebec, Que. — Plans buying asphalt plant. $30,000. J. A. Tremblay, Quebec, engr.

Lighting System — Amherstburg, Ont. — Council, A. Park, mayor, plans installing street lighting system on various streets. $35,000.

Transmission Line—Dundas, Ont.—Dundas Rural Hydro Power Comn., King St., plans 10 mi. electric transmission line in Ancaster and Flamboro Twps. $30,000. Private plans.

Transmission Line — Timmins, Ont. — Hollinger Consolidated Gold Mines Ltd., plans approximately 10 mi. wood pole transmission line from Sandy Falls Power House on Mattagami River to Kamiscotia Claims, incl. poles, wires, crossarms, insulators, etc. $30,000.

Street Ligting System—Walkerville, Ont.—Plans extending lighting system and installing new standards. $57,000. H. A. Patterson, City Hall, engr.

Bids Desired

Cyclone Coaster — Revere, Mass. — See "Contracts Awarded."

Heating Plant—Salem, Mass.—Apr. 14, by Superintendent Pub. Buildings, steam heating plant in fire station, Webb St.

Station Improvements—New York, N. Y.—Apr. 29, by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York City, converting subway kiosks into open stairwells at 110th St. Station, Manhattan-Bronx Rapid Transit Ry., Bway. and 110th St.

Booths—New York, N. Y.—Apr. 28, by New York State Bridge & Tunnel Comn. and New Jersey Interstate Bridge & Tunnel Comn., Woolworth Bldg., constructing toll collection booths, cooper kalamein on structural steel frame, also cement sidewalks, temporary wooden building, etc., Contr. 8, Holland Tunnel; adv. E. N.-R. Apr. 21.

Entrances—New York, N. Y.—May 3, by New York State Bridge & Tunnel Comn. and New Jersey Interstate Bridge & Tunnel Comn., Woolworth Bldg., altering and reconstructing entrances, etc., Buildings 572, 574 and 576, Broome St., due to lowering street grades for entrance plaza, Contr. "A" Holland Tunnel; adv. E. N.-R. Apr. 21.

Stadium—Birmingham, Ala.—Apr. 25, by D. O. Whilldin, archt., 515 North 21st St., (1st unit), concrete stadium, 30,000 seating capacity, McLendon Park, for City. $250,000. Noted Mar. 31.

Fire Alarm System — Cleveland, O. — Apr. 22, by City, enlarging and improving fire alarm system. J. Murphy, Central Sta., East 19th St. and Superior Ave., engr.

Boilers, Pipes, etc.—Kankakee, Ill.—Apr. 26, by Division Architecture & Engineering, W. J. Lindstrom, ch. engr., Capitol Bldg., Springfield, Ill., boilers, stokers, piping, pumps, feed water heaters, etc., switchboard and electric wiring, etc., in State Hospital, here.

Culverts—Burlington, Ia.—See "Bridges."

Culverts, etc.—Sibley, Ia.—Apr. 26, at office Auditor Osceola Co., constructing 15 box and circular culverts and labor for constructing 6 timber bridges. J. H. Turnbull, Sibley, co. engr.

Culverts—Tipton, Ia.—Apr. 28, at office Auditor Cedar Co., constructing 15 box culverts. R. O. Zimmerling, Tipton, co. engr.

Culverts, etc.—Toledo, Ia.—Apr. 26, at office Auditor Tama Co., 59 box, pipe and circular culverts and one 90 x 18 ft. pony truss bridge. J. N. Benson, Toledo, co. engr.

Lighting System—Los Angeles, Calif.—Bd. Pub. Wks. taking bids lighting system on portions Sweetser and Aerial Aves., etc.

Generator—Oakland, Calif.—Pacific Gas & Electric Co., 245 Market St., San Francisco, taking bids 40,000 h.p. steam turbine generator of Station C.

Contracts Awarded

Cyclone Coaster—Revere, Mass.—Traver Eng. Co., Beaver Falls, Pa., will build cyclone coaster, at Revere Beac Parkway, here. $100,000. Work will be done by separate contracts. Private plans.

Swimming Pool—Stamford, Conn.—J. S. Cullman, c/o R. Dean, archt., Stamford, concrete swimming pool, to North Eastern Constr. Co., 101 Park Ave., New York City, N. Y. Engrs. est. $20,000.

Test Borings — New York — Bd. Water Supply, Municipal Bldg., New York City, test borings in Bronx and Queens Boros, and Westchester Co., Contr. 220, also in Queens and Brooklyn Boros, Contr. 221, to Osborne Drilling Co., 120 Liberty St., New York City, $215,248 and $145,726 respectively. Noted Mar. 24.

Duct Lines—Brooklyn, N. Y.—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York City, duct line in Coney Island Yard, Agreement "FG," here, to G. M. Gest, 233 Bway., New York City, $49,395. Noted Mar. 31.

Gallows Frames—New York, N. Y.—A. Goldman, comr. Plant & Structures, Municipal Bldg., gallows frames and operating equipment, for Slip 3, Whitehall Ferry Terminal, foot Whitehall St., Manhattan Boro, and Slip 5, St. George Ferry Terminal, Richmond Boro, to J. Edward Ogden, Inc., 147 Cedar St., $81,000. Noted Mar. 17.

Tunnel—Elizabeth, N. J.—Bd. Freeholders Union Co., constructing tunnel from county jail to court house, masonry work, to F. Kilgus, Jr., 13 South 6th St., Newark, $28,200. Noted Mar. 17.

Bulkhead and Wharf—Cleveland, O.—City, W. Hopkins, city mgr., reconstructing bulkhead and wharf at northerly end East 9th St., to Great Lakes Dredge & Dock Co., Williamson Bldg., $113,300. Noted Feb. 24.

Culverts and Extensions—Charlton, Ia.—Lucas Co., 15 culverts and extensions, to Ellis & Jordon, Centerville, $54,197.

Culverts and Bridge—Vinton, Ia.—Benton Co., 12 culverts, to L. Peterson & Co., Cedar Rapids, $7,234; 10 box culverts, to P. Jayne, Cedar Rapids, $2,927; 31 box culverts and extensions, to Pioneer Constr. Co., Newhall, $6,900; 14 box culverts and extensions and 1 girder repair bridge, to Schaaf & Jacobson, Lake Park, $4,127; and 16 box culverts and extensions, to E. Evans, Vinton, $5,745. Grand total $33,493. Noted Mar. 24.

Swimming Pool, etc.—Portland, Ore.—See "Buildings—Commercial."

Materials

Bids Desired

Brick—Hartford, Conn.—Apr. 26, by Bd. Contr. & Supply, 100,000 brick for catch basins and sewer repair work. R. N. Clark, City Hall, engr.

Road Oil—Hartford, Conn.—Apr. 26, by Bd. Contr. & Supply, Municipal Bldg., 350,000 gal. more or less road oil, 45% asphaltic base and 16,000 gal. more or less road oil, 65% asphaltic base, to Street Dept., f.o.b. tank cars Hartford. C. DeL. Alton, Jr., secy.; adv. E. N.-R. Apr. 21.

Coarse Aggregate—Brooklyn, N. Y.—Apr. 27, by J. J. Byrne, pres. Brooklyn Boro, Boro Hall, 10,000 cu.yd. 1½ in. coarse aggregate; 5,000 cu.yd. 1¼ in. coarse aggregate, all of which shall be broken stone; and 5,000 cu.yd. 1½ in. coarse aggregate, all of which shall be gravel.

Switch Points, Frogs, etc.—Phila., Pa.—Apr. 26, by C. E. Walsh, purch. agt. Pennsylvania R.R. Co., 17th and Filbert Sts., switch points, frogs, switches, guard rail, etc., Contr. 46; and guard rails, Contr. 47, T. J. Skillman, Broad St. Sta., ch. engr. railroad.

Coal Handling Equipment — Richmond, Va. — May 2, at office G. H. Whitefield, dir. Dept. Pub. Utilities, coal handling equipment for City Gas Works; adv. E. N.-R. Apr. 21.

Transformers, Cable and Standards—Cleveland, O.—Apr. 22, by City, six hundred fifty 518 watt series multiple transformers, 650 ornamental White Way lighting standards, 9,000 ft. No. 4/0 and 6,000 ft. No. 4, 3 conductor, also 1,000 ft. 2 conductor No. 4, 3/32 x 3/32 in., and 220,000 ft. 2 conductor No. 8, 6/32 in. lead covered cable.

Pipe—Ida Grove, Ia.—Apr. 27, at office Auditor Ida Co., 2,100 ft. corrugated metal pipe. G. S. Witters, Ida Grove, co. engr.

Structural Steel—Sioux City, Ia.—Apr. 26, at office Auditor Woodbury Co., structural steel for 9 I-beam bridges, f.o.b. various stations in county. J. C. McLean, Sioux City, co. engr.

Gravel or Broken Stone and Sand — Minneapolis, Minn. — Apr. 25, by F. S. Gram, city purch. agt., 15,000 cu.yd. gravel or broken stone; and 43,000 cu.yd. sand. N. W. Elsberg, city engr.

Copper Sulphate—St. Paul, Minn.—Apr. 26, by A. E. Eggert, city purch. agt., 400 bbl. copper sulphate for Water Dept. G. M. Shepard, city engr.

Bids Received

Tar — Cincinnati, O. — Comrs. Hamilton Co., Apr. 1, 300,000 gal. tar to Road Repair Dept. for repairing macadam roads, from Barrett Co., 517 Carr St., $35,610. Engrs. est. $34,000. Noted Mar. 31.

Contracts Awarded

Trackwork—Boston, Mass.—City, Transit Dept., 1 Beacon St., special trackwork East 1st and O Sts., South Boston, to Lorraine Steel Co., Johnston, Pa., $43,842.

Granite Block — Detroit, Mich. — Dept. Street Railways, St. Jean and Shoemaker Aves., furnishing 177,000 granite paving blocks, f.o.b. Detroit, to Wisconsin Granite Co., 105 West Monroe St., Chicago, Ill., at $108 per m.

Sewer Brick—Detroit, Mich.—City, 5,000,000 hard red sewer brick, 1,666,000 each, to United Fuel & Supply Co., Transportation Bldg., Koenig Coal & Supply Co., 1480 Gratiot Ave., and Clippert Brick Co., Western & Michigan Central R.R. tracks, at $16.15 per M.

Asphaltic Cement—Minneapolis, Minn.—F. S. Gram, city purch. agt., 500 tons asphaltic cement, to Standard Oil Co. of Indiana, 1937 South East 4th St., at $22.30 per ton; and 2,000 tons, to Camden Petroleum Co., 230 South Clark St., Chicago, Ill., $23.50.

Road Oil — Minneapolis, Minn. — F. S. Gram, city purch. agt., 2.5 m.g. road oil, to Keystone Oil & Mfg. Co., 111 North Market St., Chicago, Ill., domestic at $0.0649 per gal. and Mexican $0.0841 per gal.

See proposal advertising on page 137

Constr. News page 259

UNIT PRICES

On actual contracts gathered by field correspondents, also those sent in by readers

Paving—Seattle, Wash.

Bids were opened by City, Jan. 28, for paving North 63rd St., et al., from (A) R. G. Stevenson, 2137 Northlake Ave.; (B) Fiorita Bros., 3950 6th St., N. W.; (C) McHugh & Coluccio, 517 3rd Ave., No. The unit bids are as follows:

	A	B	C
Clearing (lump sum)	$1,100.00	$1,000.00	$1,080.00
5,855 cu.yd. subgrading	.50	.45	.50
13,600 lin.ft. grading park	.04	.05	.04
2,120 lin.ft. arm. curb	.50	.50	.50
11,975 lin.ft. integral curb	.25	.25	.24
23,685 sq.yd. conc. paving	1.54	1.58	1.60
40 sq.yd. conc. base	1.00	1.26	1.50
460 sq.yd. conc. walks	1.40	1.40	1.50
460 lin.ft. sidewalk drains	.15	.20	.15
1,145 sq.yd. crossings	1.55	1.60	1.60
1 catch basin	100.00	90.00	95.00
1 catch basin	175.00	25.00	175.00
15 curb inlets	10.00	10.00	7.00
30 moveable inlets	6.00	6.00	4.00
30 adjustable inlets	6.00	5.00	3.00
70 adjustable manholes	3.00	2.50	2.50
5 lin.ft. reb. manholes	6.00	4.00	4.00
390 lin.ft. —in. sewers	1.25	1.25	1.25
1,640 lb. steel	.06	.10	.05
24 M. cases	10.00	11.00	12.00
5 cu.yd. extra excav.	2.00	2.00	1.50
5 cu.yd. gravel	2.00	2.00	2.50
0.5 M. ft. b.m. wood curb and gutter	40.00	20.00	30.00
1 M. ft. b.m. wood curb and gutter	20.00	5.00	5.00
2 M. ft. b.m. appr.	30.00	25.00	25.00
Totals	$53,599	$54,424	$54,680

Highway—California

Bids were opened by State Highway Commission, Sacramento, Feb. 28, for improving 3.69 mi. highway between La Mesa and El Cajon, San Diego Co., F.A.P. No. 172-A, from (A) G. Herz & Co., San Bernardino; (B) Pioneer Transfer Co., Calexico; (C) H. H. Peterson, San Diego. The unit bids are as follows:

	A	B	C
23,000 cu.yd. roadway excavation unclassified	$0.60	$1.00	$0.59
203,500 sta.yd. overhaul	.02	.02	.02
82,000 sq.ft. pavement subgrade, preparing and shaping	.015	.015	.012
600 cu.yd. structure excavation, unclassifed	1.25	1.50	1.10
8,300 cu.yd. class "A" P.C. concrete pavement and widening	10.60	9.70	10.99
100 cu.yd. class "A" P.C. concrete structures	24.00	25.00	30.00
7,500 lb. bar reinf. steel in place structures	.05	.07	.06
193,300 lb. bar reinf. steel in place, pavement	.0475	.05	.045
15,000 sq.yd. reinf. steel in place, second story pave	.18	.22	.23
1,900 tons rock borders	2.60	2.25	2.50
50 lin.ft. 12-in. culvert metal pipe	.50	1.00	1.00
222 lin.ft. 18-in. culvert metal pipe	.75	1.00	1.00
18 lin.ft. 24-in. culvert metal pipe	1.25	1.00	1.00
42 lin.ft. 30-in. culvert metal pipe	1.50	1.50	1.00
42 lin.ft. 36-in. culvert metal pipe	1.75	2.00	1.50
111 lin.ft. 12-in. light reinforc. concrete pipe	1.75	2.00	1.50
130 lin.ft. 60-in. hvy reinforced concrete pipe	14.00	18.00	16.00
300 cu.yd. removing concrete in existing pavement	2.00	3.00	3.00
90 removing eucalyptus trees	10.00	9.00	5.00
Totals	$131,292	$134,684	$134,841

Bridge—Washington

Bids were opened by State Highway Commission, Olympia, Mar. 8, for constructing Hoquiam Bridge, State Road No. 9, Grays Harbor County, from (A) Puget Sound Bridge & Dredging Co., 811 Central Bldg., Seattle, (awarded contract); (B) Portland Bridge Co., Yeon Bldg., Portland; (C) The J. A. McEachern Co., Inc., 552 Colman Bldg., Seattle; (D) MacRae Bros., 1107 American Bank Bldg., Seattle; (E) A. Gutherie & Co., 552 Sherlock Bldg., Portland. The unit bids are as follows:

	A	B	C	D	E
Schedule "1-A" (20 ft. Roadway on Approaches)					
2,810 cu.yd. structure excavation	$10.00	$7.00	$11.00	$9.00	$18.00
320 cu.yd. gravel backfill in place	4.00	1.50	3.00	2.50	3.50
1,000 cu.yd. concrete class "A" in place	20.00	26.00	23.85	24.00	22.00
1,730 cu.yd. concrete class "B" in place	17.00	22.00	18.85	22.00	21.00
820 cu.yd. concrete class "C" in place	16.00	18.00	16.00	19.00	15.50
970 cu.yd. concrete class "E" in place	17.00	15.00	14.25	18.00	13.00
231,000 lb. steel reinforcing bars in place	0.45	.05	.045	.04	.045
372,000 lb. structural steel in place	.07	.08	.073	.08	.095
3,585 lb. masonry shoes in place	.15	.20	.14	.14	.14
1,300 lb. scuppers and downspouts in place	.12	.10	.20	.40	.14
38,400 lin.ft. furnishing foundation piling at site	.30	.20	.26	.27	.34
518 driving foundation piling in place	14.00	10.00	9.50	10.50	16.00
21,000 lin.ft. furnishing treated piling at site	.65	.50	.63	.59	.62
380 driving treated piling in place	17.00	10.00	6.00	8.00	10.00
5,100 lin.ft. furnishing untreated piling at site	.25	.20	.26	.27	.30
90 driving untreated piling in place	10.00	10.00	8.00	10.00	10.00
253 M.b.m. timber and plank treated in place	110.00	96.00	82.00	88.00	82.00
83 M.b.m. timber and plank untreated in place	90.00	60.00	60.00	60.00	52.00
Operator's House complete in place (lump sum)	1,310.00	2,800.00	2,000.00	1,800.00	2,200.00
425 sq.yd. removing old pavement	.50	1.00	1.00	.50	1.00
1,800 cu.yd. common borrow in place	1.05	1.25	1.25	1.50	1.25
530 cu.yd. concrete class "A" (pavement and sidewalks) in place	15.00	15.00	15.00	15.00	21.00
20,000 lb. pavement reinforcing type, No. 2 in place	.04	.037	.05	.08	.045
3 concrete catch basins complete in place	17.00	20.00	30.00	50.00	75.00
50 lin.ft. concrete pipe 6-in. dima. in place	1.20	.60	1.00	.50	.50
Subtotal—Schedule "1-A"	$234,159	$228,280	$225,537	$236,407	$264,579
Schedule "1-B" (Bascule Span)					
30 cu.yd. concrete class "A" in place	$17.00	$26.00	$24.50	$24.00	$22.00
325 cu.yd. concrete class "B" in place	15.00	22.00	19.00	22.00	21.00
19,300 lb. steel reinforcing bars in place	.05	.05	.045	.045	.045
793,700 lb. structural steel in place	.07	.085	.09	.106	.095
5,100 lb. anchor and expansion bolts in place	.10	.20	.14	.14	.095
Scuppers and downspouts in place (lump sum)	189.00	300.00	320.00	500.00	150.00
305 M.b.m. timber and plank treated in place	80.00	96.00	88.00	85.00	82.00
7.5 M.b.m. timber and plank untreated in place	60.00	60.00	60.00	60.00	52.00
105,100 lb. machinery in place	.27	.26	.28	.27	.30
Power equipment in place (lump sum)	$21,535.00	$23,000.00	$23,850.00	$21,800.00	$25,000.00
Subtotal—Schedule "1-B"	$115,410	$131,383	$136,657	$147,304	$143,810
Total—Schedules "1-A" and "1-B"	$349,569	$359,663	$362,195	$383,711	$408,390

Constr. News page 260

UNIT PRICES *continued on page 260a*

From Trinidad Lake to Buffalo, New York

Service! 23 years of it!

¶Such service as only Trinidad Native-Lake Asphalt can give! From 1904, when this pavement was laid on Broadway, from Spring Street to Herman Street, Buffalo, N. Y., it has demonstrated its long life and low maintenance cost, just as other Buffalo streets have been doing, some for as long as 46 years.

¶Trinidad Lake Asphalt being a product of nature possesses qualities which cannot be put into man-made artificially-produced asphalt— and in addition Trinidad is noted for its attractiveness, resiliency, ease of keeping clean and repairing, and freedom from noise.

¶We also supply Bermudez Road Asphalt—another native-lake product—for *road* building. Write for interesting data.

The Barber Asphalt Company
PHILADELPHIA
New York Chicago Pittsburgh St. Louis Kansas City San Francisco

TRINIDAD LAKE ASPHALT

UNIT PRICES

On actual contracts gathered by field correspondents, also those sent in by readers

Subway—New York, N. Y.

Bids were opened by Board of Transportation, 49 Lafayette St., Oct. 11, 1926, for constructing Route No. 104, Sect. No. 2, of Rapid Transit R.R., from (A) Silas Mason, Inc., 17 West 60th St.; (B) The Subsurface Corporation, 709 6th Ave.; (C) Arthur A. Johnson Corp., 3rd St. and West Ave., Long Island City. The unit bids are as follows:

	A	B	C	D	E
6,600 cu.yd. earth excavation above El. 100 except for sewers	$33.50	$15.00	$40.00	$20.00	$40.00
6,200 cu.yd. earth excavation below El. 100 except excavation for sewers and tunnel	33.50	15.00	40.00	20.00	40.00
50 cu.yd. earth excavation above and below El. 100 for sewers, pipes and ducts	33.50	20.00	40.00	20.00	40.00
6,100 cu.yd. rock excavation above and below El. 100 except shaft, tunnel, sewer and pipes	36.00	15.00	40.00	20.00	40.00
100 cu.yd. rock excavation for sewers, pipes and ducts	36.00	25.00	40.00	20.00	40.00
12,000 cu.yd. rock excavation for shafts	33.00	45.00	30.00	50.00	40.00
29,100 cu.yd. tunnel excavation below El. 100 wholly in earth	58.50	46.00	70.00	54.00	77.44
69,400 cu.yd. tunnel excavation wholly in rock	36.00	46.00	50.00	54.00	92.00
22,100 cu.yd. tunnel excavation partly in earth and partly in rock	49.50	46.00	52.00	54.00	77.44
200,000 cu.yd. additional cost of disposal of excavation material Riker's Island	.01	.01	1.00	.50	.10
100,000 cu.yd. credit to city for disposal of excavation material at Riker's Island					
74,000 cu.yd. permanent blanket	2.75	5.00	.50	4.00	2.50
5,400 cu.yd. concrete in shafts	44.00	35.00	30.00	40.00	24.00
23,200 cu.yd. concrete in tunnel not lined with C.I. lining incl. conc. in Mid River Sump	44.00	35.00	30.00	30.00	24.00
12,900 cu.yd. tunnel concrete placed inside C.I. lining	44.00	35.00	30.00	40.00	24.00
100 cu.yd. concrete in cradles in cast iron tunnel	44.00	35.00	30.00	30.00	24.00
1,000 cu.yd. concrete in cut and cover construction	44.00	30.00	30.00	30.00	24.00
800 cu.yd. concrete in comp. air for concrete cradles in C.I. lined tunnel	44.00	65.00	35.00	40.00	40.00
400 cu.yd. protective concrete	44.00	35.00	30.00	30.00	40.00
4 cu.yd. hollow terra cotta or tile masonry	50.00	60.00	50.00	55.00	50.00
500 bbl. 1:1 portland cement grout—normal air	4.10	8.00	5.00	10.00	7.50
10 bbl. neat portland cement grout—normal air	10.00	8.00	10.00	10.00	7.00
16,000 bbl. 1:1 portland cement grout—thru C.I. lining—comp. air	4.10	12.00	6.00	11.00	10.00
10 bbl. neat portland cement grout thru C.I. lining—comp. air	10.00	12.00	25.00	13.00	10.00
7,000 bbl. 1:1 portland cement grout behind concrete or masonry	4.60	6.00	5.00	10.00	7.50
500 bbl. neat portland cement grout behind concrete or masonry up to 150 lb. pressure	5.70	6.00	10.00	10.00	7.00
200 bbl. neat portland cement grout behind concrete or masonry over 150 lb. pressure	20.00	10.00	25.00	12.50	7.50
500 grouting connections pressure over 150 lb.	2.00	20.00	5.00	10.00	2.50
40 sq.yd. plastering on hollow tile	2.00	2.00	3.00	2.50	1.80
3,200 bbl. 1:1 mixed portland cement grout placed in comp. air	4.10	12.00	7.00	10.00	10.00
5 bbl. neat mixed portland cement grout placed in comp. air	10.00	12.00	7.00	9.50	10.00
7,400 bbl. mixed natural cement grout placed in comp. air	4.10	12.00	4.00	9.50	10.00
10 bbl. neat natural cement grout placed in comp. air	10.00	12.00	4.00	9.00	10.00
60 M.ft.B.M. tunnel timbering	150.00	150.00	100.00	125.00	160.00
20 ton steel supports	150.00	125.00	120.00	200.00	160.00
2,500 sq.yd. waterproofing 1-ply	1.25	1.50	1.25	1.50	1.20
1,200 sq.yd. waterproofing 3-ply	3.00	4.50	3.00	3.50	2.70
200 sq.yd. waterproofing 6-ply	6.00	9.00	6.00	6.00	5.00
100 sq.yd. waterproofing dry ply	1.00	1.50	1.00	1.25	1.00
6,800 sq.ft. sheet lead used for water stops	.70	1.50	.80	2.00	3.00
70 cu.yd. waterproofing, brick in asphalt mastic 1-layer	60.00	60.00	60.00	60.00	50.00
250 cu.yd. waterproofing, brick in asphalt mastic 2-layers	60.00	60.00	60.00	56.00	50.00
800 lin.ft. 3 in. cast iron pipes and fittings class A	1.50	1.00	1.80	4.00	1.45
500 lin.ft. 4 in. cast iron pipes and fittings class A	2.00	1.25	2.80	4.50	1.90
2,000 lin.ft. 6 in. cast iron pipes and fittings class A	2.50	2.50	4.00	5.00	3.00
5,800 lin.ft. 8 in. cast iron pipes and fittings class A	3.00	4.00	2.50	6.00	4.15
25 lin.ft. 10 in. cast iron pipes and fittings, class A	5.00	5.00	8.00	7.00	5.00
25 lin.ft. 12 in. cast iron pipes and fittings class A	7.00	6.00	10.00	8.00	6.25
150 lin.ft. 3 in. st'd galvanized steel pipe	1.25	1.25	1.50	4.00	1.60
150 lin.ft. 4 in. st'd galvanized steel pipe	1.50	1.50	1.75	4.50	1.90
175 lin.ft. 10 in. st'd galvanized steel pipe	5.00	5.50	8.00	9.00	6.25
131,000 duct ft. vitrified clay tunnel ducts	.30	.40	.22	.30	.30
179,000 cond.ft. 3 in. fibre conduits	.25	.40	.20	.30	.30
1,000 sq.ft. asbestos board in manhole doors	.20	1.00	.50	.60	.40
400 ton riveted steel beams and shapes	130.00	150.00	115.00	160.00	135.00
30 ton architectural steel and iron	400.00	400.00	400.00	500.00	400.00
1,400 sq.ft. sliding doors with steel panels	6.00	6.00	7.00	7.00	5.80
590 ton high tensile steel bolts with nuts and washers	215.00	250.00	150.00	200.00	275.00
3 counterbalanced emergency exit covers	500.00	500.00	500.00	400.00	600.00
120 ton steel rods and bars	110.00	125.00	100.00	125.00	115.00
16,600 ton cast iron tunnel lining	80.00	100.00	75.00	100.00	100.00
7 ton miscellaneous iron castings and furnishings	200.00	200.00	250.00	300.00	200.00
425 lb. special wire forms	.30	.25	.50	.30	.30
21,750 lin.ft. 1½ in. oak or ash handrail	.40	.60	.50	.80	.50
1,430 sq.ft. steel gratings for ventilation	3.00	4.00	4.50	5.00	4.00
530 sq.yd. sidewalk restoration	3.00	5.00	4.00	4.00	3.50
1,420 sq.yd. roadway restoration granite block	8.00	5.50	7.00	5.00	6.00
100 lin.ft. new 6 in. bluestone curb	3.00	2.50	3.00	5.00	2.25
200 lin.ft. new 8 in. granite	4.00	4.00	5.00	7.00	5.60
50 lin.ft. new granite curb other than for restoration	4.00	6.00	5.00	7.00	5.60
20 sq.yd. new 3 in. cement finish for walls and slabs at sidewalk	3.00	3.00	3.00	3.00	2.00
740 sq.yd. temporary pavement of granite blocks	3.00	3.00	3.50	3.00	3.00
100 lin.ft. 6 in. extra heavy cast iron pipe and fittings	1.50	3.00	6.00	4.00	4.60
100 lin.ft. 8 in. extra heavy cast iron pipe and fittings	300	4.00	7.50	5.00	6.05
600 lin.ft. 15 in. vitrified pipe sewer	14.00	7.00	4.00	15.00	9.00
300 lin.ft. 18 in. vitrified pipe sewer	16.00	8.00	5.00	18.00	10.60
400 lin.ft. 3 ft. 9 in. x 2 ft. 4 in. flat top reinforced concrete sewer	18.00	25.00	22.00	30.00	23.00
25 lin.ft. 6 in. water pipe	2.00	4.00	4.00	5.00	2.20
25 lin.ft. 12 in. water pipe	4.00	6.00	8.50	7.00	3.75
4 service connections for water pipes	50.00	50.00	60.00	50.00	30.00
25 lin.ft. 6 in. cast iron gas pipe	1.00	4.00	4.00	5.00	2.25
600 lin.ft. 8 in. steel by-pass upon or below street surface	6.00	8.00	5.00	10.00	26.00
600 lin.ft. 4 in. steel by-pass upon or below street surface	3.00	5.00	4.00	7.00	20.00
4 service connections for gas pipes	75.00	50.00	20.00	50.00	30.00
1 ton furnishing new cast iron hub and spigot straight pipe	120.00	140.00	125.00	150.00	100.00
1 ton furnishing new cast iron hub and spigot special pipe	220.00	275.00	230.00	250.00	250.00
1 service connections for electric ducts	100.00	100.00	100.00	50.00	65.00
1 engineer's field office in Queens	15,000.00	25,000.00	18,000.00	30,000.00	40,000.00
1 engineer's field office in Manhattan	40,000.00	25,000.00	18,000.00	18,000.00	50,000.00
12 furnishing and installing electolysis bonds	75.00	300.00	150.00	300.00	250.00
Totals excluding disposal at Riker's Island (item 5ka and item 5 kb)	$10,481,550	$10,939,506	$11,004,577	$11,914,440	$15,468,897
Totals including disposal at Riker's Island (item 5ka or item 5kb)	10,482,550	10,940,506	11,104,577	11,964,440	15,478,897

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